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A legacy of anti-Semitism

Community questions bust of past president

By **MORGAN OME**
For *The News-Letter*

Unknown to most members of the Hopkins community, a bust of Isaiah Bowman, fifth president of the University is displayed outside Shriver Hall.

He was known for his outspoken anti-Semitic views. Bowman served as President of the University from 1935-1948, during the rise of Hitler, the Third Reich, and the aftermath of World War II.

University President Ronald J. Daniels acknowledged Bowman's faults and accomplishments. Daniels related Bowman's legacy to the administration's new

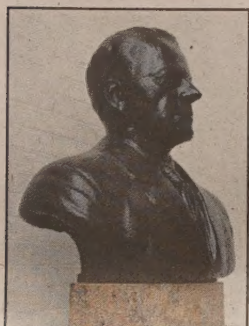
initiative to promote diversity and inclusion on campus.

"As I acknowledged in our Roadmap on Diversity and Inclusion, we need to wrestle with our university's history, warts and all, and Bowman's story is a perfect example of that," Daniels wrote in an email to *The News-Letter*. "He was a visionary in many ways, but blind to his own hurtful prejudice. The bust honors his contributions, but we should also learn from his flaws."

Geographer and scholar Neil Smith studied Bowman's life and career while pursuing his Ph.D at Hopkins in the early 1980s and wrote extensively about Bowman's presidency at Hopkins in the book, *American Empire: Roosevelt's Geographer and the Prelude to Globalization*, published in 2003. Smith recounted many of Bowman's anti-Semitic remarks within his text.

In 1939, Bowman fired Jewish faculty member Eric Goldman. In response, Bowman stated, "There are already too many Jews at Hopkins." Goldman had received a unanimous departmental vote for reappointment to

SEE BOWMAN, PAGE A7



LEON SANTHAKUMAR/
PHOTOGRAPHY EDITOR
Bowman's bust is outside Shriver.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

A tradition since 1889, the yearbook reflected the lives of Hopkins students and served as a historical resource before social media.

Yearbook comes to an end after 126 years

By **AMY HAN**
Staff Writer

The University yearbook, which has been published annually by students since 1889, has been discontinued for the 2015-2016 academic year due to lack of student interest.

Called the Hullabaloo since 1894, the yearbook was formerly published by a student-run club. However, in recent years, interest in the club has waned. Director of the Digital Media Center (DMC) Joan Freedman, who served as the yearbook club's advisor, began

actively seeking out individuals to work as paid yearbook editors. In 2014, an alumna worked on the yearbook by herself.

"There was a club on the books, but it hadn't had any leadership or members for a number of years. I've been doing it not for three years and the person I took over advising the yearbook from, also had tremendous difficulty in actually recruiting students to do the book. So, at some point,

it becomes a paid student job versus a healthy student organization that wants to do this," Freedman said. "And when it became a student job, I think it lost some of the authenticity, and it's no longer the voice of a group of students that represent the student body. It's one person's view."

In 2015, Freedman managed to recruit editors, but by the end of the year, only the editor-in-chief and business man-

ager were still involved in the production.

"I went to the Student Activities Fair, put a lot of effort into finding someone to be the editor, someone to be the business manager, and recruited five or six people who were excited to help

SEE YEARBOOK, PAGE A5

University announces Diversity Roadmap

Crepe Studio improves under new management

By **KESEY KO**
and **ROLLIN HU**
Staff Writers

Crepe Studio, located in Charles Street Market, has experienced managerial changes since its establishment in the fall, and employees are concerned about wages and loyalty to the business.

Since the spring semester, the establishment has been operating under new management, and an anonymous employee spoke about how employees have been struggling with inadequate staffing and getting paid on time as the business has been establishing itself.

"We have a lot of things that we need to do. We're a new-come business. We've only been here since this past August, so we're still trying to work out the flow of different things," he said. "We have new employees now, new managers. They

don't know everything that needs to be done yet. They're still learning."

The employee, who has a background in the food industry, also said he's often frustrated by the shortage of staff at Crepe Studio.

"I've been here since late August and I'm not a manager — I'm just one of the chefs — but I get frustrated because we don't have enough people," he said. "I used to manage a restaurant, so I know when you need more people. I'm frustrated because I understand that my boss can't really afford to hire more people because our business isn't at what we want it to be yet."

The worker said that the low pay he receives has recently led him to seek other job opportunities.

"I can't tell you exactly how much we get paid per hour, but I have told my boss that with the next

SEE CREPE, PAGE A5

By **WILL ANDERSON**
News & Features Editor

Led by President Ronald J. Daniels, the University released the JHU Roadmap on Diversity and Inclusion last Friday.

The document was compiled partially as a response to the Black Student Union's (BSU) protest in November, during which they demanded an increase in the representation of black faculty, students and staff on campus, and addressed the lack of support for black students. The plans were in development before the protest.

After addressing the protest, Daniels hosted a forum with the BSU to address its concerns, during which Daniels responded to their demands, which were reflected in the Roadmap.

In the document's

SEE ROADMAP, PAGE A4

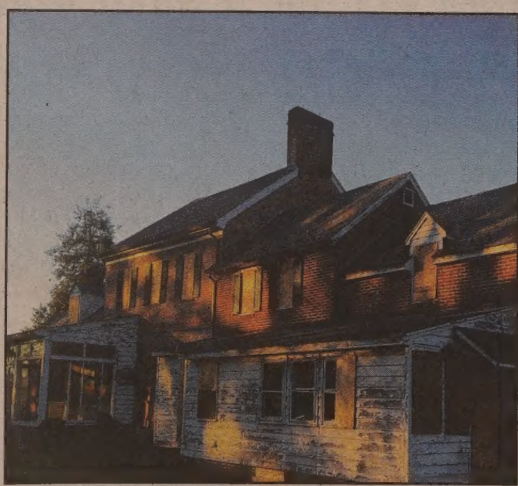
Hopkins' birthplace faces demolition

By **PETER JI**
Staff Writer

The birthplace of University founder Johns Hopkins is facing the threat of demolition if a new owner is not found. The two-story home is known as Whites Hall and is located about 20 miles outside of Baltimore.

In January, property developer Polm Companies, the current owner of Whites Hall, filed for a permit to demolish the home located in Crofton, Maryland. It currently stands empty with the windows boarded up to prevent vandalism. Built over two hundred years ago, it sits on Johns Hopkins Road next to a golf course and new home development. Only 13 of the original 1,800 acres of the estate remain part of the property as the population and the amount of development in the county continues to surge.

Although Whites Hall is listed on the Inventory of Historic Properties by the Maryland Historical Trust, its owner is not required to maintain it or protect it from demolition. Whites Hall was purchased by Polm Companies for \$2.5 million in 2005. Before that, the privately-owned property was used to raise Black Angus cattle by a small business owner, Stephen Duckett, who died in 2002.



COURTESY OF KRISTEN HANSEN

Whites Hall, located in Crofton, MD, has been vandalized many times.

Polm Companies plans to construct an assisted-living facility named Spring Arbor that will be next door to the home. It is also the developer of new, half-a-million dollar family homes that will be nearby.

Many members of the local community have voiced their opposition to the proposed demolition of Whites Hall. They hope to discuss other options for the building with Polm Companies, which says that the construction of Spring Arbor was not a factor in their decision to file the request.

The local government will not purchase the house because of the restoration costs, so community members hope that a new buyer will

submit an offer.

The Greater Crofton Council, an association of homeowners in the area, is concerned with the current owner's treatment of Whites Hall, according to its vice president Torrence

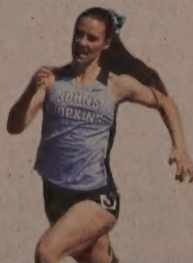
SEE DEMOLITION, PAGE A6

INSIDE THIS ISSUE

Track brings home CC titles

Both Men's and Women's Track won the Centennial Conference this weekend, marking five and seven straight titles, respectively.

SPORTS, PAGE B10



Carnitine may prevent autism

Carnitine, a compound found in red meat, may prevent early development of forms of ASD in fetal stages. SCITECH, PAGE B7

Reactions to Super Tuesday

Students reflect on Donald Trump's and Hillary Clinton's victories in the presidential primaries. NEWS, PAGE A4

NEWS & FEATURES

Students apathetic about local elections

By EMMA ROASLVIG
For The News-Letter

The April 26 Baltimore Democratic primary mayoral election is soon approaching. Winning this primary is considered tantamount to the general election, so all eyes are on the current race.

At Hopkins, most students are unaware of the upcoming mayoral primary or are uninterested in the candidates who are running and the effects the election will have on the city. Some students, however, think that even non-resident students should be invested in the future of Baltimore.

Stephanie Rawlings-Blake, the incumbent mayor, is not running for reelection. The current front-runner is former mayor Sheila Dixon, who was forced to step down in 2010 following the revelation that she had stolen \$600 worth of gift cards meant for Baltimore's disadvantaged residents. Rawlings-Blake became Baltimore's mayor and won the subsequent 2011 election.

Although Hopkins students are somewhat uninformed about the mayoral elections, they actively follow the national presidential primaries.

Many students do believe that it is important to stay updated on local politics. Although most students are unable to vote in the Baltimore primary because they lack permanent, legal residency, many students believe it is still important for students to remain educated about the politics of the city they currently live in. Regardless of their hometown, Hopkins students are four-year Baltimore citizens.

Freshman Daniel Parra said he cares about city politics but understands why many students don't know what is happening outside of campus. "We don't know much about the upcoming elections because there are no advertisements on or around campus, since students can't actually vote. It would be silly for the candidates to spend their campaign money here," Parra said.

Matthias Gompers, a freshman and native resident of Baltimore, is aware of the upcoming elections but says does not care about the outcome. "I really couldn't care less," he said in an email to *The News-Letter*. "Baltimore is a majority-black city, so ultimately the candidates have to appeal to the African-American population. I'm white, so even if I had an opinion, it wouldn't really matter."

Gompers believes that it is important for students to stay informed of local Baltimore news, but he views the mayoral primary as an insignificant matter. "If you plan on living here after college, I guess you should care, but really, Baltimore politics are irrelevant to everyone who

isn't the typical African-American Baltimorean. Obviously students should be aware of local news because it can have an effect on us. That being said, this in particular is rather irrelevant," he wrote.

Sophomore Amy He is also aware of the upcoming election but believes that as a student her primary focus should be academics, not local politics.

"I'm not a particularly politically-minded person in the first place," she wrote in an email to *The News-Letter*. "And as a student my main concern is surviving from week-end to weekend. So no, I don't really care about the elections. At the same time, I get the feeling that I should care more about what's happening locally around our campus and I'm sure others would say the same, but the biggest hindrance for me is the time commitment. If I'm going to really get to know the candidates and their respective platforms, that's time I could be spending on other things that I simply care more about."

Although He is a resident of Maryland, she is choosing not to vote in the upcoming election. But she believes it is important to remain an active part of the Baltimore community.

"I don't think I'd be qualified to vote in the upcoming election; I just don't know enough about the candidates. I do think staying connected locally can make one

feel more present in the experience of living in this city," He said. "But it can be really easy to have a 'get in, get out' mentality, which doesn't allow things like local awareness to distract us from obtaining that diploma."

Freshman Sarina Redzinski said she is moderately informed about the upcoming primary.

"I knew that there were elections coming up for the mayor, but I didn't know when. I know that there's a prominent Black Lives Matter activist running, DeRay Mckesson, but that was the only person that I knew," she said. "I think it would be really significant if a Black Lives Matter activist won the election. That would be really beneficial and would say a lot about how ready the city is to make important and lasting change."

Redzinski believes it is important to keep up with city elections because Hopkins students live in Baltimore for at least four years and should stay informed about Baltimore politics.

"I feel like things that happen on a small scale more directly affect you, usually, and faster than on a large scale, so it's important to know what's going on," she said. "Even though I can't vote, I'm living here so I have to know what's going on and who's going to be running the city I'm living in."

Leap Year Gala swings the night away



Members of the Ballroom Dance Club and RAB taught attendees how to swing dance.

By CLAIRE FOX
Staff Writer

Launching its week of programmed events for students, the Residential Advisory Board (RAB) hosted a Leap Year Gala on Monday night in the Glass Pavilion in honor of the extra day that comes every four years.

The event, co-sponsored by the Student Government Association (SGA), featured a live traditional big band, JHU Ballroom Dance Club swing dance lessons and a table of upscale refreshments. Students, some dressed in cocktail attire, participated in the 1940s-themed event for two dollars at the door.

RAB was able to book the Olney Big Band with financial assistance from SGA and a personal connection through Daniel Naiman, a professor in the department of applied mathematics and statistics. Naiman plays at a club in the Inner Harbor on Thursday nights, according to RAB member sophomore Thomas Marge, one of his students.

Big band is a music genre often associated with the swing era. These

bands usually consist of 15 to 25 members.

Founded in 2004, the Maryland-native Olney Big Band is a non-profit organization of big band music lovers that includes artists, teachers, arrangers and fans. At the event, the musicians played a number of standard swing tunes, like "Sing, Sing, Sing" and "The Lady is a Tramp."

Freshman Brenda Quesada expressed her excitement about hearing live swing music for the first time and how impressed she was by the talent of the Olney Big Band.

"I was really hesitant because I had never really heard swing dance music before, but they are so good and exciting and keeping a really upbeat atmosphere," she said. "[The event is] going pretty awesomely. It looks super good, like very aesthetically pleasing, and the band is amazing."

With the help of the JHU Ballroom Dance Club, attending students had the opportunity to learn simple swing dance routines from RAB directors at the event.

"We got a couple members of the Ballroom Dance Club to show up

inside are having a lot of fun dancing around and changing partners after every song."

Attending students ranged from swing dance veterans, like freshman Matthias Gompers, to learners trying it out for the first time, like freshman Sarah Crum.

"I've been to Mobtown Ballroom a couple of times, so I probably have seven hours of total experience, but that's still seven hours more experience than mostly everyone here," Crum said. "I love swing dancing, so it's great to get the common student involved too."



The Leap Year Gala was the kickoff for a week of RAB events.

At Splash, students teach local high schoolers

By MEAGAN PEOPLES
For The News-Letter

Splash, a day-long event where high school students can take classes taught by undergraduates from various colleges and universities, will be hosted on campus for the first time. The program was originally scheduled to begin on Feb. 27, but The Center for Social Concern (CSC) pushed the start date back to April 23 in order to accommodate changes made to class structure and size.

Splash was founded at MIT and is now offered annually at more than 20 universities in 10 states across the country. While there were originally over 70 classes registered as part of the Hopkins program, Splash has downsized to offering just 43 classes in response to the relatively small number of students who signed up to participate.

Sophomore Eileen Yu, president of Splash, talked about her own experience going to the MIT Splash program when she was a high school student and how it inspired her to start the program here at Hopkins.

"I attended the Splash programs at MIT, Princeton and Columbia and absolutely loved them," Yu said. "The idea of Splash is to give high schoolers a chance to learn about and discuss topics that they normally would not

come into contact with in high school classrooms and also to give students at universities a chance to share what they are passionate about. When I saw the varied interests and passions of the students here at Hopkins, I knew that we could host a great program and really influence and encourage many high school students."

Junior Sophia Doerr, one of Splash's student recruiters and a member of its administration board, originally spent most of her volunteer time at Baltimore's 29th Street Community Center. When she was no longer able to volunteer there, she focused on recruiting students for Splash. Doerr discussed how she felt Splash could make an important impact in the Baltimore community and provide a new way for Hopkins students to make a difference.

"Sometimes there's a disconnect between JHU and the community, which [is why] programs like these are really wonderful. It's wonderful to see that actually happening," Doerr said. "And I think sometimes we forget. We get so involved in our academics or things like that, and we forget that we could share this with them, we could inspire people, we could really have a huge impact on the community."

Yu addressed the safety issues that had prompted the delay and discussed

how the organization will move forward.

"It was delayed because the CSC wants to install certain procedures to ensure the safety of all of the high school students before they come to campus," she wrote in an email to *The News-Letter*. "This would include drawing up liability waivers for them, writing up emergency exit plans in case of a fire or other emergencies and possibly even devising a system to keep track of each high school student with our volunteers. We completely agree with the CSC to push back the date if that means that our program will be safer."

The CSC helped students draft liability waivers and exit plans, a new challenge for the administration. She said Hopkins wasn't able to help as much as Splash would have liked in the past year, but that was changing, especially with the inclusion of liability forms and exit procedures. New support for the program could make it possible for high school students to attend for free. Doerr emphasized that the administration thought this was the best way to make Splash accessible to the community.

"We also really wanted to make Splash free to Baltimore students and the smaller numbers this year mean that we'll be able to do that," she said. "We really want to reach out to

Crum reflected on her experience as a first-time swing dancer.

"It's going really well and I've learned how to swing dance, which was a first," Crum said. "It's really swingin'."

Freshman Karina Rahaman, a member of RAB, thought the gala brought a fun, new atmosphere to Hopkins that she had not seen before.

"I think it's a nice change of pace from what Hopkins normally offers, and it's great to see students taking to it so well," she said.

The next event of RAB Week was Grocery Bingo during Late Night at the FFC on Wednesday night, during which students could win prizes like a 20-pack of Ramen or Easy Mac.

On Thursday evening there will be a Throwback Thursday event in Charles Commons with childhood-themed candy, a lip-sync battle and other early 2000s-inspired activities. Finally, the week will end with Icing on the Cake, a cake-decorating contest held Friday in the AMR I Multi-Purpose Room and featuring prizes and dessert snacks.

underprivileged students in the area, and it's really difficult to do that, to make it free for everybody and to run it and to rent things and get them food and get them T-shirts."

Freshman Lalit Varada, who will be teaching a class on computer algorithms during the day-long event, talked about why he was interested in being a part of this new program.

"I really liked the Splash project because it was able to get college students and high school students interested in academics or teaching in general," Varada said. "It just seemed like a fun thing to do, to just have a day to just teach a classes."

Doerr also discussed why she thought Hopkins students in particular could service their community in a unique way through Splash.

"Hopkins students... have tons of different clubs, and we all have so many different interests. And I feel like the student life on campus is really interesting and distinct and people have a lot of aspirations to start things," she said. "And so I think it's special at Hopkins because all of those different clubs can be involved in Splash. Someone from every single club can teach something that they're interested in. They can all be integrated into this huge event and we can share it with the community, too."

NEWS & FEATURES

Symposium analyzes East Asian public health



COURTESY OF HEE WON HAN

The symposium was hosted by numerous University departments.

By **SABRINA CHEN**
Staff Writer

Speakers at the annual Public Health in Asia Symposium, themed "Growing Burdens: Persistent and Emerging Health Issues in Asia," shared their viewpoints on topics ranging from environmental pollution to nutritional deficiencies. The symposium was held on Saturday in Gilman 50 as a collaboration between the East Asian Studies Program, the International Studies Program, the Anthropology Department, the History of Medicine Department and the Bloomberg School of Public Health.

"We need a better understanding of manifestations and causes of health inequity in all its complexity," Dr. David Peters, chair of the department of international health at the Bloomberg School of Public Health and a keynote speaker, said.

The symposium was broken up into various parts, with three keynote speakers in the morning followed by a catered lunch and various presentations of student research in the afternoon.

Junior Danny Dong-Hyun Jeon, one of the primary coordinators of the event, said that the symposium is centered around providing a platform for students to share their research regarding health issues in Asia with each others, and receive feedback from professors and peers. He added that the program was started in 2013 by the director of East Asian Studies, Erin Chung, who had this specific goal in mind.

This year there were a total of nine undergraduate and graduate student presenters. The research presentations were followed by a panel led by various professors. The presenters then received feedback from both faculty and the audience.

"The whole idea is to generate discussion between professors and students," Jeon said. "We have a really close relationship to the Bloomberg school of Public Health and the symposium. It's a great way to link undergraduate and graduate students. The exchange of viewpoints is what we hope

to achieve."

Sophomore Karina Ikeda, another student organizer of the event, echoed Jeon. Ikeda said that many people in the Hopkins community are interested in trends and developments of health-care and healthcare policy in Asia.

"This symposium was organized after considering the large public health undergraduate population here at Hopkins and with our close ties to the Bloomberg School of Public Health," Ikeda said. "By bringing the focus specifically to Asia, we wanted to have a poignant discussion about the issues that are plaguing this generation."

Both Ikeda and Jeon were pleased with the turnout of the event, especially the diversity of representation of individuals from the undergraduate campus, the Bloomberg School of Public Health, as well as from the community.

Zhengchung Jiang, a public health graduate student, said she found out about the event through her professors and was eager to come to listen to the various speakers and student presentations.

"I really enjoyed the first speaker, Harvard Professor Dr. Frank Hu, for his study that combines history data and events in China to relate current disease patterns," Jiang said. "His investigation about the association between the big famine, the cultural revolution and current states in China was a topic I had never heard about before."

Jeon hopes that the students who participated this year were able to be challenged by each other and by the various speakers and panelists. He looks forward to an even bigger turnout for next year's symposium, which will be held in February.

"In the future we want to have a very interdisciplinary approach," Jeon said. "Public health itself is such an interdisciplinary major and we want to incorporate as many students as possible from other related majors like International Studies and East Asian Studies."

By **ABBY BIESMAN**
News & Features Editor

Senior Alex Mathews, hailing from southern California, has pursued a variety of entrepreneurship and research endeavors during his time at Hopkins, his most recent startup being a social enterprise transforming orthotic device production.

Mathews, along with sophomore Param Shah, co-founded the enterprise Fusiform approximately one year ago. Mathews and Shah met each other through the Hodson Trust Scholarship, a merit scholarship awarded to select Hopkins students.

Shah is the CEO of a nonprofit called the Lotus Life Foundation, which aims to "empower the lives of children with disabilities in rural India," according to its website. The organization realized it needed orthotic devices, and Shah and Mathews found that there were many production inefficiencies.

"During that time I was just starting to get into automated manufacturing and scanning, and we realized that there was a lot of potential for improvement in the orthotic space," Mathews said.

Mathews, a biomedical engineering major, explained that during his junior year he took a computer-integrated

surgery course and a design course during which he helped build cranial implants for people that need reconstructive surgery for their skulls.

"I did a lot of the imaging work, and that was my first experience with imaging and automated manufacturing," Mathews said.

Mathews and Shah received \$25,000 in early stage investment from the Abell foundation. About five weeks ago, Fusiform was accepted into Accelerate Baltimore and the Social Innovation Lab, an incubator program run by Hopkins. Accelerate Baltimore provided \$25,000 and the Social Innovation Lab provided money as well as some office space among other resources.

Working largely out of Mathews's living room, the pair is trying to change the way in which orthotic devices are manufactured. They recently started beta testing their software platform, which lets clinicians manage their orders for orthotic devices much more efficiently, among other things.

"Introducing the first modular orthotic device," their website says. "Capable of being manufactured in a fraction of the time in-house, this manufacturing process is revolutionary."

Mathews discussed the reason they are labeling Fusiform a social



COURTESY OF ALEX MATHEWS

Senior Alex Mathews has started multiple businesses at Hopkins.

enterprise.

"We call ourselves a social enterprise, and the reason we do that is because we want to create a sustainable business here in America that funds taking... devices to developing countries and to other nonprofits," he said, "so that they can produce orthotic devices much more efficiently."

They are currently looking at attaining office space in Baltimore where Mathews will continue working on Fusiform as he applies for medical school.

Mathews also discussed his past business ventures. His freshman year, he and three other Hopkins students founded a chocolate company, Jama Cocoa.

"We manufactured single origin chocolate truffles," Mathews said. "I learned a lot about entrepreneurship. We raised \$100,000 in initial investment."

At Jama Cocoa,

Mathews learned about entrepreneurship and management and worked on web design. Jama Cocoa closed when the founders decided to pursue other projects.

"It was a great learning experience of how to run a business," Mathews said.

While working on Jama Cocoa, he worked in the lab of Dr. Jeffrey Gray, a professor in the department of chemical and biomolecular engineering. Mathews worked on protein modeling and built a Python wrapper for a protein modeling suite based in C++.

"It allowed researchers to work with a really high-end protein modeling suite... with very limited computing experience," he said.

While at the lab, he also assisted in the compilation of a textbook that universities could use to learn how to use a Rosetta protein modeling suite.

SGA discusses plans for proposed student center

By **SHERRY KIM**
For The News-Letter

The Student Government Association (SGA) debated the creation of a new student center at Homewood on Tuesday during its weekly meeting in Shaffer Hall.

A group of SGA senators first detailed their recent trip to the student centers of three different nearby institutions: George Washington University, American University and Georgetown University.

The senators recommended separate office spaces for student groups including the SGA, an aesthetically pleasing design, the grouping together of organizations to urge collaboration, an efficient bulletin board system for advertisements and the addition of restaurants coupled with a full-service bar.

"[These pictures] show what a college campus is supposed to look like," SGA Executive President Jack Bartholet said. "We need a cohesive student union center to encourage this kind of school spirit. This needs to be a primarily student-based hub: No administrative offices or anything of that kind."

Junior Class Senator Liam Haviv advocated for mixing administrative and club-related groups in the new building.

"If we're working to encourage more collaboration between the administration and student groups, then we should bring these two together into one space rather than separate them," Haviv said.

Tiffany Sanchez, Associate Dean of Student En-

agement, stressed that a multi-use space was the ideal outcome.

"We have to make all of this space multifunctional," Sanchez said. "We can't have a big auditorium that sits empty for most of the day. But alternatively, if you open up your union to having classes in it, then it becomes classroom space and it's not a performance or social space. You've got to make everything be really smart and be able to be used in dual capacities. Since the building is not yet built, there is room for all kinds of conversations about how to occupy the space."

Since the student center will most likely be built after demolishing the Mattin Center, there may be the need to incorporate some administrative space.

Sanchez said that the building has to be focused on adapting to future needs.

"Even as a freshman, this is what you talk about when you say 'leaving with a legacy,'" Sanchez said. "You yourselves may not have the opportunity to see it, or even sit in it, but what would be really beneficial about all of you getting involved is that you, as the students, have such a strong voice in being able to push this

agenda. We're currently in the fundraising stage of this project, but I think you all get to say 'Do it harder, do a better job, go out there and get the money, or do what you can to raise the money that can help make this happen faster.' Coming from you, it will mean a lot more."

Sanchez stressed that University President

Ronald J. Daniels greatly supports the project, but that students also have an obligation to make sure their voices are heard.

"You need to be careful about how you say that message. The president is on board; he wants this to happen,"

Sanchez said. "There are 6,000 undergraduates at Hopkins right now. SGA has a really great opportunity to motivate the entire undergraduate class and push this agenda through. If you do it carefully and respectfully, and as partners with the University, I think it can go a long way with getting ground broken a lot faster."

In addition to discussion of the student union center, two bills were introduced to the floor during the meeting, and both bills passed.

The first bill, sponsored by Haviv, requested funding for an engineering event dur-

ing Spring Fair. The bill passed by a vote of 6-0 through the preliminary round and would be funded through Student Services. Proposed by two student groups, Engineers Without Borders and Engineering World Health, the bill allotted \$400 in funding out of the SGA events budget to these groups for organizing a Spring Fair Catapult Competition. Spring Fair has already approved this event, allowing them to occupy seven booths over the weekend.

The second bill, sponsored by senior Class Senator Max Wilde, requested funding for the Hopkins Emergency Response Organization (HERO) to attend the annual National Collegiate Emergency Medical Services Foundation (NCEMSF) conference in Philadelphia.

This bill passed by a vote of 6-0 through the preliminary round. The total cost to send six HERO members would be \$1,200 including the conference registration fee, cost of lodging and transportation. The purpose of attending the NCEMSF annual conference is to provide HERO with a substantial opportunity to learn more about providing emergency medical services and thereby better serve the community.

SGA also announced its intention to begin the transition process to pass along important details and documents to next year's SGA board. The executive board stated that this year's transition will look different from those of past years and that it will be a highly strategic movement.



COURTESY OF HEE WON HAN

The panel was made up of nine undergraduate and graduate students.

NEWS & FEATURES

Students reflect on Trump and Clinton Super Tuesday victories

By SAM FOSSUM
Staff Writer

Hillary Clinton and Donald Trump had impressive showings on Super Tuesday. Each candidate won seven of the 11 states that went to the polls on March 1. Trump and Clinton won Alabama, Arkansas, Georgia, Massachusetts, Tennessee and Virginia in their respective primaries. Trump also won Vermont and Clinton, Texas.

In the Republican race, Ted Cruz (Texas) won Oklahoma, Alaska and Texas. Marco Rubio (Fla.) had his first victory of the primary season in Minnesota.

Bernie Sanders had victories in Colorado, Minnesota, Oklahoma and Vermont. He lost to Clinton by one percent in Massachusetts.

President of Hopkins College Republicans Nitin Nainani described Trump's performance as solid but underwhelming.

"While I would say that Donald Trump overall had a very good night, I am a little underwhelmed by his performance," Nainani said. "As someone from Virginia, I expected him to win the state by healthier margins than he ended up doing. I also expected him to do better in Vermont, Oklahoma and Arkansas."

Nainani explained that for Republicans seeking a Trump alternative, his poor performance in closed primaries bodes well.

"The other big thing was that he is underperforming in closed primaries, and most of the remaining contests are closed primaries," he said. "That should give some hope to Republican voters who don't want to have Trump as the nominee."

Freshman Lucas Feuser, who identifies as a Democrat, thought Trump's performance indicates a likely Trump nomination.

"As of now it looks very likely that the nomination is going to go to Trump," he said.

The other solid performance of the night came from Ted Cruz. It was a must-win night for Cruz, since a loss in his home state would have ended his campaign.

Rubio's campaign ended the night with a victory in Minnesota. According to Nainani, Rubio made a poor showing with his inability to reach the threshold for delegates in some states and his campaign's pre-Super Tuesday hype.

"One of the reasons why it was a not-so-great night for Rubio in particular was he barely made the threshold in some states, and outright missed it in some states and that cost him at least a handful of delegates, more than his loss in Virginia ever did," Nainani said. "There was a lot of exasperation last night, because Marco Rubio — until very late into the night with Minnesota — had not won a state yet. His campaign, for what-

ever reason, raised expectations that they would win 3-4 states."

Nainani explained that one of the reasons for Rubio's lackluster performance is a growing split within the Republican party — a split some people argue has been due to Trump.

"Trump's candidacy has proven that there is a divide between the expectations of Republican voters and Republican elites. I think that this is very much in play here. A brokered convention would make that clear, and it is something that should be made clear," Nainani said. "I regret that it had to be elevated by Trump's candidacy, but Republicans cannot pretend that this is not an issue any longer. Who knows how this ends up turning out, but it could be healthy moving forward."

Sophomore Abby Annear, who considers herself a Republican, agrees that the party is divided, but stresses that this fission has been a force long before Trump.

"People say that Trump is the reason that the Republican Party is fractured. What they don't realize is that it's been fractured for a very long time," Annear said.

Feuser, however, stressed that the Trump phenomenon is international and not limited to domestic U.S. politics.

"When people look back at this from 10 to 20 years, they are going to see



MICHAEL VADON/CC-BY-SA 2.0 MARC NOZELL/CC-BY-SA 2.0
Trump and Clinton are leading their respective party primaries.

that Trump is exactly like Le Pen in France, he's exactly like the NPD in Germany. He is exactly like all these parties and leaders that are already in power or gaining power," Feuser said. "He is less a symptom of what is going on in the GOP, and more evidence of something bigger that is happening — a shift in Western society as a whole. I think the real splintering within the GOP is between Cruz and Rubio."

Trump's dominating lead has many wondering why other candidates are continuing to run.

Annear argues the best chance for Cruz or Rubio is if the other candidates drop out.

Nainani takes a different stance, claiming a brokered convention is the best bet for an establishment candidate to win.

"In regards to can they win, I think that at this point the strategy is to just block Trump from getting 1237 delegates, which is what he needs to be the nominee," Nainani said.

"That strategy relies on Kasich winning Ohio and Rubio winning Florida."

Even though Sanders lost Super Tuesday, Jacob Kravetz, a graduate student and Sanders supporter, felt Sanders performed as expected.

"Everyone knew that the South was going to go to Hillary Clinton," he said. "Am I disappointed by those margins? Yeah. Given that delegate counts are proportional, it certainly really sucks, especially in a place like Texas. But these are Deep South, deeply Republican areas. In terms of general electability it didn't really mean anything — we're never going to win those."

Annear thought Bernie's performance was surprising considering his base of supporters.

"It's college students and young professionals who are known for not being the most active in political life," she said. "Yes, they'll go to protests and rallies, but will they actually go to the ballot box?"

The Book Thing damaged in fire

By ROLLIN HU
Staff Writer

On Wednesday, a one-alarm fire damaged a large portion of The Book Thing, a free popular book exchange located near Greenmount Avenue and 30th Street. The building held an estimated 200,000 books. Fire crews responded at around 5:15 a.m., and the fire was declared under control after 45 minutes.

The cause of the fire is currently being investigated, and no one was hurt. There was extensive fire and water damage to the building, as well as to many of the books housed inside.

Currently, many of the intact books are in the parking lot outside the warehouse where they can still be picked up this weekend.

Russell Wattenberg, owner of The Book Thing, asked that donations stop, as there is currently no place to store them. Wattenberg spoke to *The Baltimore Sun* about the large amount of work to do in terms of cleaning up the debris and rebuilding what has been lost.

"It's just going to be a huge mountain of work ahead," Wattenberg said to *The Sun*. "Just replacing the garage door alone will be in the thousands of dollars."

The Book Thing's Facebook page posted about Wattenberg's meetings with media outlets, insurance and construction officials to get The Book Thing back to its usual state.

Wattenberg told the *Baltimore City Paper* that getting insurance money will be difficult.

"We're not even sure what the insurance will cover as all the books were free," he said.

To help rebuild, The Book Thing is reaching out to the community for support in their time of hardship.

On The Book Thing's Facebook page, there was a link posted to a PayPal account asking for donations to help rebuild.

Freshman Felipe Takaesu commented on the significance of the tragedy and what The Book Thing meant to him.

"It just makes me feel sad, this event kind of reminds me of the burning of the Library of Alexandria," Takaesu said. "There was so much knowledge lost from this one single event, and it's really a sad thing. The Book Thing helped me find comfort among books, and now that it's lost I kind of lost a little bit of that comfort."

Freshman Lalit Varada echoed this sentiment and also noted how The Book Thing connected him to the Baltimore Community as a whole.

"[The fire] is really terrible," Varada said. "The Book Thing really showed the Baltimore community because it was something everyone [could] participate in. It was kind of like a community event to go there."

"The people who worked there and the people who went there clearly loved books, and it is awful that the books are lost now."

University announces plan to increase diversity on campus

ROADMAP, FROM A1

opening letter, Daniels wrote that "the realization of true equality is a core value for this university." He emphasized the historical legacy of the University's founding by Johns Hopkins, a notable abolitionist, and the University's efforts to integrate women and black faculty into the student and faculty communities.

The University has four key goals that it wants to achieve: fostering greater diversity within the Hopkins community, improving opportunity for community members of all backgrounds, enabling engagement with diverse viewpoints and fostering a climate of respect.

In order to achieve these goals, the University will convene a committee to rewrite the University's statement of principles, reflecting the core values of what it means to be Johns Hopkins. Faculty, staff and students will write a draft of new principles to increase diversity and equity, which will be submitted for approval by May 2017.

The University has pledged to increase the amount of full-time faculty who are from underrepresented minorities from 6.5 percent. These faculty have expressed feeling isolated, lacking mentoring resources and suffering prejudice from members of the Hopkins community. The University has found that in previous efforts to increase diversity by additional funding, the results have been lackluster, and the report states that the University must take steps to combat conscious and unconscious biases.

The small pool of black and Hispanic PhDs, at nine percent and six percent respectively, makes it difficult to find qualified

candidates to fill posts. The University will use cluster hiring to add five faculty members to the Center for Africana Studies (CAS) within the next few years, as well as improving faculty mentoring programs.

The Faculty Diversity Initiative (FDI), announced in the fall, has guaranteed \$25 million to include diverse sources for faculty recruitment and to better support diverse faculty at the University. The FDI will provide funding for faculty searches and for an increase in the number of visiting faculty and diverse postdoctoral students and for the creation of a \$50,000 research award for work on diversity and inclusion.

In the next few months, departments will submit three-year faculty diversity programs to the University, create a baseline faculty diversity report and tabulate the results of the 2015 faculty mentoring survey.

Between 2009 and 2015 the number of Hopkins students coming from underrepresented minorities (URM) increased from 12 to 23 percent, with a 100 percent increase in applications. Six-year degree completion rate for URM students is now on par with that of other students, partially due to a low-income and URM-focused peer mentoring programs, more networking opportunities and an increase in resources at the Office of Multicultural Affairs (OMA), including two new positions and supporting LGBTQ Life.

The University stated in the report that supporting URM students in STEM is a goal to be achieved through increased access to STEM summer programs, internships and research opportunities. Hopkins has implemented the Hop-

kins program, which supports at-risk students such as first-generation college students and will expand from 31 to 160 students over the next four years.

Homewood Student Affairs will create two new positions focused on diversity by fall 2016 and will relaunch a student advisory board for multicultural affairs. The University will work on strengthening LGBTQ support, mental health through the new Task Force on Student Mental Health and Well-Being and through the Baltimore Scholars program, which offers full-tuition scholarships to Baltimore City public school students accepted to Hopkins.

Since 2010, URM professional staff has increased from 14.8 to 16.8 percent, technical staff from 27.5 to 31.5 percent and executive staff from 13.1 to 14.8. The University aims to recruit more diverse entry-level talent by building professional development and mentorship programs. The University aims to support Baltimoreans through programs that promote local hiring like HopkinsLocal, which supports summer jobs and internships for young people in Baltimore, and sponsoring internships at Hopkins by working with Year-Up.

The University has supported reforms of the employee benefits to make costs more affordable for faculty and staff as well as protecting the right to choose preferred plans. The University has implemented a program that increases insurance premiums more slowly for low-income employees, as well as extending marriage benefits in 2016 to domestic partners of employees and transgender employ-

ees. A faculty committee was recently started that examines several areas of employee health services to improve care, especially for low-income employees.

In the recent future, the University will increase local entry-level hiring, expand diversity mentoring programs and improve staff professional development.

The BSU challenged the University to include mandatory cultural competency training and potentially a distribution requirement in cultural competency. Around 60 percent of Krieger School of Arts and Sciences (KSAS) students and 25 percent of Whiting School of Engineering (WSE) students take a course in gender, sexuality, religion, race or ethnicity before they graduate. The University stated that it is open to providing additional courses, new research and service opportunities or a distribution requirement for cultural competency.

The BSU demanded that the CAS be made a full department, but Daniels denied this demand, citing the inherent cross-disciplinary nature of Africana studies. The University committed to hiring five new faculty: two in CAS, two in History and one Bloomberg Distinguished Professor.

The University will create a second Commission on Undergraduate Education to assess undergraduate education, including whether there should be a cultural competency distribution requirement, and will issue its recommendations in 2017. KSAS will work with center heads to determine if centers like CAS deserve more autonomy and funding.

Currently, students, faculty and security have been trained in recognizing unconscious biases, discrimination and sexual harassment, reporting mechanisms through the Office of Institutional Equity and increasing student participation.

New cultural competency trainings and modules will be created, along with a mandatory workshop for incoming undergraduates that was piloted this fall.

The Diversity Leadership Council, Programs on Race and Culture and programs to explore the University's complex history with race have been instituted in recent years, and all divisions of the University have introduced diversity programs. In Baltimore, the University has expanded its economic inclusion programs, its public school partnerships and projects with faculty that specifically relate to the aftermath of the death of Freddie Gray.

Soon, the University will increase participation of students in the Diversity Leadership Council, will host an academic conference on race and inequality in Baltimore in fall 2016 and will expand the HopkinsLocal program. The deans of KSAS and WSE will create a Homewood Diversity Council that will unify the two school's diversity councils and convene in spring 2016. Hopkins will also launch a partnership with Dunbar High School that will allow students to achieve both a high school diploma and an associate's degree from a local community college in six years and at no cost to the student, who will then step directly into a healthcare-related job or higher education.

NEWS & FEATURES

Yearbook discontinued due to lack of interest



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

The yearbook has been published every year since 1889 but will not come out this year.

YEARBOOK, FROM A1
with everything," Freedman said. "They started working on it, and one by one people lost interest and stepped back by last spring. By then, it was pretty much just the editor-in-chief and the business person and they stuck with it because they were being paid to do it."

However, lack of student interest in putting together the yearbook hasn't been the only issue. In recent years, the students and staff involved have been struggling to market and sell the Hullabaloo to graduating seniors due to a decrease in awareness of the product. Consequently, yearbook prices have increased due to low sales.

Senior Class President Amy Sun detailed how the yearbook fared last year.

"Last year, they only sold 300 or so yearbooks, since there was not a high demand from seniors. They were hardcover and each cost over \$100, which could have prevented some students from buying it. The printing took months, so each yearbook was delivered the August after graduation, which wasn't ideal," Sun wrote in an email to *The News-Letter*.

The photos of the seniors in the most recent 2015 edition represented barely 20 percent of the graduating class. Freedman noted that a good

portion of the interested buyers were parents.

"There are three different times that a photographer comes in to actually take the pictures. Students will have to go online, pick a particular time and show up at the time. But the reality is that people just don't sign up," Freedman said. "The students aren't all that interested. Their parents are a lot more interested. There are some parents that will buy all four years because they want to have the collection of their kid's time at Hopkins."

Despite low sales, Sun said that she and Freedman still attempted to identify a group to take on the responsibility of making the Hullabaloo this year.

"Joan Freedman and I have reached out to many student groups and none of them are willing to step up to take on the role," Sun wrote. "Although I would personally love to have a yearbook and I'm disappointed that it will be discontinued this year, we don't have the student staff necessary to complete the job, and it has always been a student-

"This year, we have been organizing senior portraits sessions with Legacy Studios, and there will also be a photographer at graduation," Sun wrote. "All seniors will have two photos taken in their caps and gowns, one as they walk across stage and are handed their diploma, and another in front of a back drop as they exit the stage. All students will receive free passport-sized digital proofs of this photo and will have the opportunity to purchase them online."

In the past, with fewer students on campus, the Hullabaloo was a much more comprehensive

"Joan Freedman and I have reached out to many student groups and none of them are willing to step up."

— AMY SUN, SENIOR CLASS PRESIDENT

they were of great historical value for the Alumni Association and the library archives.

"The Alumni Association had put tremendous value in the yearbook because it really documented the lives of their alumni when they were going to college. I think that from a historical record, when there were a lot of photos that really showed campus life with documented captions, the alumni folks felt that it was a fabulous resource," Freedman said.

However, its documentation value has significantly decreased due to the current ease of acquiring photos and accounts of student life from social media.

led initiative in the past."

With the discontinuation of the Hullabaloo yearbook, Hopkins is having photographers take pictures of all seniors during graduation.

"The folks at the archives don't care one way or another if there is or isn't a yearbook because they're still collecting all the materials. All of the information is still being captured, the pictures are being captured. They are mining every social media site to collect it," Freedman said.

In recent years, yearbook publishers had obtained a substantial number of their photographs from Facebook accounts and from student groups that had already posted their pictures elsewhere online.

Freedman believes that the yearbook is no longer the best representation of students' individual experiences at Hopkins.

"As there are more and more people on campus, it's harder and harder to make it a good lasting useful documentation of that year," Freedman said. "In order to fill the pages, they're just recycling Facebook content. Seems to me that if you have the ability to use social media to document your own experience, that's going to be more meaningful than somebody else digging through Facebook and saying 'This is our experience.'"

Freedman believes that there needs to be student interest for the administration to continue supporting the group.

"If it doesn't come from within the student body that there is a culture of wanting to make a yearbook, we have to question why we are still putting the time and money into making it. It just didn't make sense from the Dean of Student Life Office to continue moving forward an agenda that wasn't the students' agenda. We are here to advise student clubs and support students as they pursue things that they're interested in," Freedman said.

Freedman thinks only students can capture the experiences of their college lives.

"I think they would tell a different story. I think the students would put things in there that were meaningful to them and their experiences. The administration would put things in that made the school look good, that were important to their alumni donors. It's a whole different thing, whether it's a student voice or a university voice," Freedman said.

The reality is that many universities are halting the production of student-made yearbooks. While some are shifting responsibility to private contractors or staff members, Freedman believes that the Hullabaloo should still remain a student activity.

"More and more campuses are choosing not to do books, and some campuses are realizing, as we did, that if there just isn't a student initiative to do the yearbook, then they're not going to keep doing the yearbook. And I think that's a really important point, that the yearbook itself is a student activity," she said.

The only current option for reestablishing the Hullabaloo, Freedman said, is renewed student interest:

"If there is a group of students willing to do the work, we certainly will have that conversation."

Crepe Studio worker talks prior conditions



KAREEM OSMAN/PHOTOGRAPHY EDITOR

Conditions at Crepe Studio have improved throughout the semester.

CREPE, FROM A1
break coming up, I will be looking for other employment elsewhere because I have a daughter. I cannot afford to live on what I am making currently," he said. "We should be getting more than what we are. It's not minimum wage, but we're not in the double digits yet which is really irritating."

Furthermore, wages are often not paid on time.

"We had the issues where we had several different people in charge of payroll, some people in charge of scheduling, one person in charge of payroll, one person in charge of writing checks. We were put on the payroll at the end of the week and would end up waiting for two or three days because one of the owners who charged the payroll would not have information ready for the people writing the checks," he said. "We were supposed to get our checks on Thursday, and I know that I didn't get my check one time until a week later."

According to the employee, the previous manager would have workers work overtime without an increased pay rate.

"We had one man here, and for about two months while he was here, I did not have one day off because I was scheduled one day off a week and the day before that he would tell me, 'Oh, we need you to come in anyway' because we were understaffed," he said. "We weren't getting our overtime here, so I'd be working 60-70 hours a week and that's 20-30 hours overtime that I wasn't getting. I was getting my standard rate, which I was not okay with."

In addition, there have been numerous walk-outs by employees as a result of low work ethic and frustration with management.

"Some people just don't care. We have had a few people walk out," he said. "We have one employee — she had asked for a week off for her birthday, she was told 'no,' she was told she could take the day and the day after off, but she chose not to come in anyway... It's just lazy on their end and then people [are] just not showing up because of past issues with them getting their paychecks and getting overtime."

While these were problems in the fall semester, Crepe Studio now has new management for the spring and is trying to improve worker conditions.

"The old manager left about a month ago. It was right after we came back from winter break, but there was almost an immediate change after he left," he said. "Things got a little bit more difficult because we didn't have somebody who was fully in charge [during Inter-session]... When he left, the things he was doing weren't getting done, so

we had a little lapse on who was running what."

Since the arrival of the new management, there have been indications of improvements in employee working conditions. For example, the employee spoke about wage improvements.

"The new manager gives us a record of our hours so we could look over them and make sure everything's correct. The other [old] managers weren't doing that, and when I looked at it, I noticed that I was missing one day, and he sat with us, went over it about what happened and everything was fixed," he said. "So there's no issue anymore on when we're getting paid or how much we're getting paid or hours missing because he makes sure that everybody knows how many hours he has recorded to him and with any disputes. We can sit down and talk about it."

However, a second anonymous source working in middle management spoke about how the difference in cultures between management and employees caused rifts and tension within Crepe Studio.

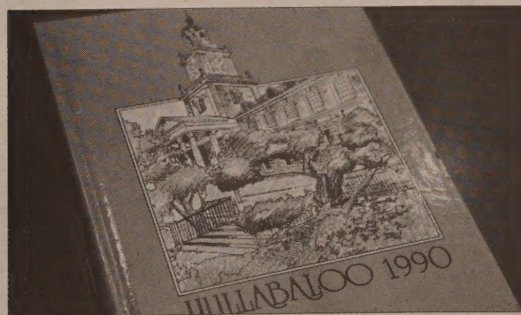
"With the culture differences, in my country if I am under somebody, then I have to listen to them carefully. Here it is not [like that]; they want to be their own [people]," she said. "I got in charge here, and I didn't like to work here because they did not think about the customers' feelings. When I got in charge, I showed that employees have to do that. For example, customers have to wait for 15 minutes. If I am a student and I have to wait for 15 minutes, I don't want to come back here. In that case, I have to say that you guys can grab any drink for free."

When asked about employee and customer satisfaction at Crepe Studio, Vince McPhail, resident district manager with Bon Appétit wrote in an email to *The News-Letter* that students were satisfied with the services of Crepe Studio, but Bon Appétit was not responsible for employee satisfaction.

"At the last two Dining Meetings hosted by the Residential Advisory Board (RAB), students have been overwhelmingly positive, praising Crepe Studio's food, quality, service, and pricing," McPhail wrote. "Regarding employee satisfaction, Crepe Studio manages its employee relationships directly... and in doing so is responsible for following all applicable employment laws."

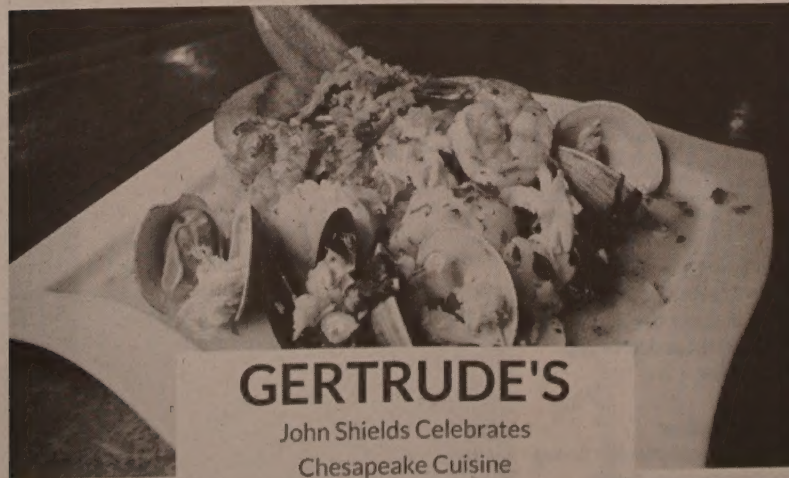
McPhail also clarified that Bon Appétit does not directly manage Crepe Studio.

"Crepe Studio is a separate entity contracted by Bon Appétit Management Company, which oversees limited aspects of the operation," he wrote.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

In recent years, the price of the yearbook has been over \$100.



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NEWS & FEATURES

Property developers seek permit to demolish Hopkins' birthplace



COURTESY OF KRISTEN HANSEN

University founder Johns Hopkins' birthplace is located 24 miles away from campus in Crofton, Md.



COURTESY OF KRISTEN HANSEN

Locals say that they want the University to buy the historic home, but some students are ambivalent.

DEMOLITION, FROM A1 Jacobson. He says that community members are firmly against the demolition of the historic property and that some have even offered to purchase the property, but Polm Companies has not responded to any of their offers.

"Lots of people are concerned, and most people don't want the house to be knocked down," Jacobsen said. "We've had people talk to the owner of the property about purchasing it, and nothing has been dealt yet. We're expecting someone to purchase it, maybe the alumni or the University itself."

However, Sarah Aaron of Polm Companies said that the developer is putting the property up for sale at \$750,000, although it is currently not listed. The company heard the community's complaints in local newspapers, but no one has stepped forward with an offer, according to Aaron.

If the property is demolished by Polm Companies, it is unlikely that anything new will be constructed in its place. Jacobsen said that Polm Companies has used all of the housing units it is allowed to build in the area, per the county's zoning regulations. Thus, Jacobsen says that Polm Companies' best option would be to sell the property for its own interest and that of the community.

According to Jacobsen, Polm Companies has not been forthcoming to the public about selling the house.

"The house can't be for sale if it's not listed," he said. "We've had people talk to them, and they have not come into terms with any other buyers. But he [Richard Polm, president and CEO] can't develop this property. He already has used all of his allocations for building. It doesn't make sense why he has to do this."

On the other hand, Aaron insists that the demolition permit is a "fail-safe" option.

"The property is in a lot of disrepair, including when it was owned by Stephen Duckett. There have been break-ins, and we had one last week. It's been graffitied, torn apart. And someone tried to start a fire. It is an increasing hazard," she said.

While it is unclear if Polm Companies is currently in any deals with buyers willing to invest in the purchase and maintenance of the house, both Polm Companies and community members seems to agree that keeping Whites Hall intact is the best plan.

Aarons said that Polm Companies even attempted to file it as a national historic place, which would help the company secure grant money, but that they were not successful. She said

Polm Companies has also reached out to University President Ronald J. Daniels and the Office of Facilities and Real Estate about buying the property, but that neither party expressed interest.

"We would rather sell it and see someone else do something about it. If someone else could take care of it that would be wonderful," Aaron said.

Jacobsen believes that preservation is a viable option. He wants Hopkins to support the community's efforts in saving it and is disappointed by the responses he has received so far.

"I've received a couple of emails from people who have sent emails to Alumni Association, Michael Bloomberg, the University itself and would they be interested in purchasing it. And we haven't heard back from them. After it is restored, the house would obviously be worth the two million spent in buying and fixing it," he said. "It's not a whole lot of money in today's world."

Currently, Johns Hopkins Sheridan Libraries & University Museums has two other historic properties in its care, Homewood and Evergreen, and it will likely not take responsibility for a third.

"The Whites Hall property, as important historically as it is, is not and has never been a part of the University," Dennis O'Shea, executive director for Media Relations and Crisis Communications, said.

The last assessment of the property by the Maryland Historical Trust noted that the house was in good condition and that few examples of a house with Georgian architecture exist in the area today. Meanwhile, growing housing and commercial development continues to threaten the historic, rural setting.

Anne Arundel County, in which White Halls is located, is likely to grant the permit only if it believes that it is in an irreversible state of disrepair.

According to Jacobsen, Polm Companies promised that it would preserve the house when it first purchased the home, but that it has not done so. Jacobsen thinks that the company is delaying its sale of the house until it falls on its own.

"The house still has great bones and still can be preserved. Somebody should be stepping forward to purchase the home," he said. "It's just a really rich developer doesn't want to do it himself. In the past

he told us that he would maintain the home, but he hasn't. We know of at least two past offers have been sent to him and he has not answered them."

Kristen Hansen, emergency room doctor at University of Maryland and Hopkins graduate '89 who lives near the house, feels that the University or the Hopkins alumni commu-

nity should take more action to save Whites Hall. She believes that the University can put it to good use in the future such as hosting visiting faculty or to hold receptions and weddings.

"The thing is that Evergreen [Museum & Library] is huge. This is not a huge property; This is not a huge amount of money. Jacobsen said he could purchase this property for \$600,000. They estimate that it could be renovated for \$1.2 million. Those costs could

be deferred to renting it out and using it for functions that could be used to bring money to the University," Hansen said.

Sharon Ascherl, a local resident for 35 years, said that she cannot think of another house like Whites Hall in the area. She couldn't imagine why the hospital or University, which have given Johns Hopkins his worldwide name recognition, aren't more interested in saving the place where he grew up.

"It has some of our history around here and having it torn away and having housing tracts put up, there will be nothing left of our history. This place used to be all tobacco farms. I can remember it, and it used to be very pretty. There are now townhouses and progress; That's fine, but we need a little bit of our history," she said.

While the local community cherishes Whites Hall as an important part of local history in Anne Arundel County, students at Hopkins are divided about how the University should react. Many were not aware about where Hopkins'

birthplace even was. Some said that Hopkins is not famous enough or that he has received enough recognition.

"I don't really think the University has to take a stance on it. His legacy kind of stands without the house. It has no significance I think to the student body," senior Kenny DeStefano said.

Many wondered what developer wants to do with the land instead.

"Why are they so not transparent? If I knew what they wanted to do with it, I would have a better opinion about it," junior Ji Young Ahn said.

Still others believe that the University letting the Johns Hopkins birthplace be demolished lessens the importance of his life's work. Sophomore Lily Kairis said that the student body as a whole don't know as much as they should about Johns Hopkins, the person.

"Going to this school, it's hard to remember that this University is named after a man who had an education and life. I don't know much about Johns Hopkins, but I've benefited so much from the efforts of his life," she said.

"Like Edgar Allen Poe's house, nobody wants to demolish it, too. Because no one wants to demolish their homes, it says that these are people who we need to remember. If we allow this house to be demolished, it says that we don't really think he's important."

Hansen, who has lived near the house for nearly 14 years and drives by the house on her way to work, says that she can't imagine why demolition would be the only option for the house. However, she acknowledged that the area is experiencing an influx of new construction.

Whites Hall is one of the few houses remaining in an area that was first settled in the 1700s, before the nation's founding.

Regardless of whether the University supports offers support, the community says it will not let the house go without a fight.

"Just discovering that there's a possibility that the house will be destroyed was disturbing to me and the fact the University has no interest in it makes no sense given the relatively low cost," Hansen said.



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- Dialectical Behavior Therapy Skills Group
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- Eating Disorder Treatment Group
- LGBTQ Student Support Group
- Students of Color Discussion Group
- Surviving to Thriving

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NEWS & FEATURES

Community condemns former Univ. President Bowman's anti-Semitism

BOWMAN, FROM A1
his position as a professor of history. Bowman believed that "Jews don't come to Hopkins to make the world better or anything like that. They came for two things: to make money and to marry non-Jewish women." James Franck, who would later become a Nobel Laureate, along with three other faculty members left the University due to the climate Bowman fostered.

In 1942, Bowman instituted a quota on the number of Jewish students admitted to the University and restricted the number of Jewish students allowed to pursue degrees in the fields of science and math. The quota was abolished in the 1950s. In addition to his anti-Semitic beliefs, Bowman also expressed anti-black and homophobic sentiments.

University trustee Emeritus Shale Stiller learned about Bowman's presidency through his late law partner and mentor Robert Goldman, who attended Hopkins as an undergraduate during the Bowman era. Stiller also took courses taught by Hopkins Professor of English Literature Earl Wasserman, whose acquisition of the position was met with great opposition by Bowman, largely due to

the fact that he was Jewish. Stiller himself has read about Bowman but does not believe many students today are aware of who he was. He stated that it is important that students learn about Bowman.

"I think students at Hopkins ought to know not only about Bowman but about the whole history of anti-Semitism in American universities on the East Coast in the '20s, '30s and '40s," Stiller said.

Stiller emphasized that neither Bowman nor Hopkins were unique in their perpetuation of anti-Semitism. Anti-Semitism, especially on the East Coast, was rampant during the Bowman era, as Hitler became more well-known. He also noted that while

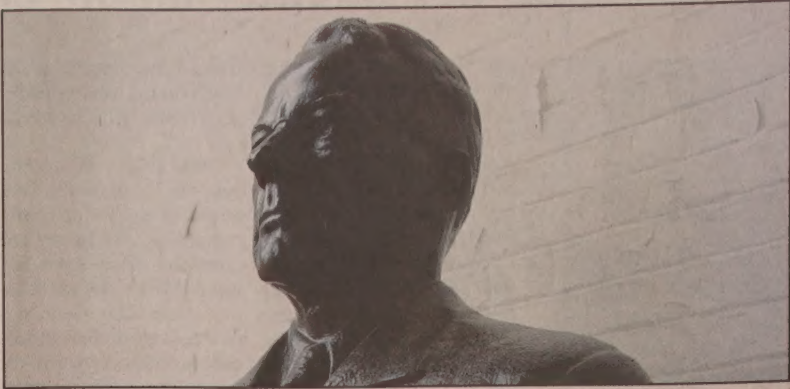
a statue of Hitler would induce an immediate necessity for removal, Bowman's bust does not elicit the same degree of outrage and call for removal. In fact Stiller believes that the bust should not be removed, despite the fact that it honors an anti-Semitic individual.

"For those students who want to just tear down Bowman's bust in front of Shriver Hall and take out any historical names, [it would] erase a good opportunity to teach students about the fact that nobody is perfect," Stiller said. "To abolish any mention of

his name doesn't give the opportunity to teach that lesson. My concern is that to abolish those names eliminates the opportunity to teach kids a valuable lesson: People who do good things sometimes do something that is bad."

Stiller conceded that while he deeply dislikes Bowman, the former president accomplished many feats in his lifetime. Bowman helped found the American Geographical Society and acted as the organization's first director. He also served as an adviser to both Woodrow Wilson and Franklin Delano Roosevelt. After World War II he participated in talks regarding the formation of the United Nations. He also helped to establish the Applied Physics Laboratory at Hopkins in 1942 and added the departments of geography, oceanography and aeronautics to the University.

Stiller further stressed the need for students to know about other atrocities in American history, citing the government's treatment of Native Americans and the internment of Japanese American citizens as examples. In addition, Stiller likened the presence of Bowman's bust to similar controversies at other universities, such as the naming of the Woodrow Wilson School at Princeton and Calhoun College at Yale. He explained that the question of honoring individuals known for their prejudicial and racist views is visible outside of college campuses, referring to public



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

There is a bust of Isaiah Bowman, the fifth President of the University and an anti-Semite, in Shriver Hall.

calls for the removal of the statue of Chief Justice Roger Brooke Taney — who delivered the infamous Dred Scott decision — and the renaming of Robert E. Lee Park in Baltimore.

"I think there is another good reason, especially at universities, for not removing all of the public symbols of people such as Wilson, Calhoun, Taney, Lee and perhaps even Bowman," Stiller wrote in an email to *The News-Letter*. "The 'removal brigade' is, in a sense, a manifestation of historical revisionism. To blot out those names does nothing to teach students as well as adults the wisdom in understanding the fallibility of politicians and other leaders. Retaining the public symbols and then teaching how those people erred does more to create an educated public than blotting out their names forever."

Stephen H. Sachs, a Baltimore native, former Attorney General of Maryland and the former United States Attorney for

Maryland, heard stories about Bowman as a young boy from his father, Leon Sachs. Leon served as an instructor in the Political Science Department at Hopkins and taught during the Bowman era.

"My father had the clear opinion, and this would not have been typical at all for him because he didn't lightly accuse someone of being anti-Semitic but Bowman had that reputation," Sachs said.

In regards to the presence of the Bowman bust, Sachs maintained that the bust should remain in its current condition outside of Shriver Hall.

"You don't destroy history. You learn from it," Sachs said.

Associate Director of the Office of Multicultural Affairs Joseph Colón echoed the need to recognize the University's history of prejudice and exclusion.

"Across the country, colleges and universities have become invested in providing students with more opportunities to engage in di-

alogue about diversity and inclusion," Colón wrote in an email to *The News-Letter*. "The controversy of former JHU President Bowman is an opportunity to discuss our past, how it impacts our present and create an inclusive campus culture that conveys our commitment to diversity. Our Hopkins community is ready to take on such a task, and this includes conversations surrounding our difficult history."

Sophie Tulkoff, Vice President of the Jewish Students Association, expressed similar sentiments while noting that an open climate exists at Hopkins today.

"JSA deplores anti-Semitism and we believe any recognition [regarding] Bowman should be placed in the appropriate context," she wrote in an email to *The News-Letter*. "We are grateful to be on the Johns Hopkins Homewood campus at a time when the administration cares about diversity and inclusion and encourages Jewish life."



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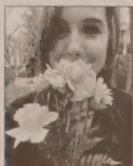
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Outgrowing my identity as the cherub child



Lily Kairis
Un-Poetic Musings

It took me until college to realize the truth — I am the golden child. I suppose I should've seen it coming. I'm the sensitive girl, the youngest child of three with an older brother prone to car accidents and an older sister prone to making rash decisions like moving to California. I suppose I should've seen beyond the blurs of early high school curfews, SAT score pressure and little notes from my mom on school lunch napkins. I suppose I should've known — little me with my obedient anti-conflict tendencies. Yes, I was always destined for cherub-hood.

I have always considered myself a well-behaved kid. I never had a rebellious streak. When other kids were sneaking out their bedroom windows or down the fire escape, I was staying inside and writing short stories. My biggest streak of "badness" was watching *Gossip Girl* (for the sex) and *Heroes* (for the violence) at the ripe

age of 12. But I never really saw my lack of rebellion as a problem. It just like wasn't convenient. And anyway I was far more interested in fictional characters, travel and theater camp. Everything I needed as a kid was safe in the realm of parental acceptance.

And that's where college changes things. Because unlike in high school, it's no longer convenient to be the cherub child.

This makes sense. College is the textbook transition to independence, when bright-eyed adolescents emerge from the chrysalises of their suburban upbringings, shed the training wheels of parental supervision and finally become captains of their own lives. "Yes! You there with the slowly-disappearing acne. YOU ARE AN ADULT NOW!" Give you a university acceptance letter and you finally get to be your own person, make your own decisions, lose your training wheels and bust out of those age-old parental shackles. Ahh college.

That's what's supposed to happen. Hypothetically.

But things are a little less cut and dry for the cherub child. For me leaving for college was the wake-up call to my parents that I wouldn't be around forever — a wake-up call that shocked them, scared

them and made them hold on to the cherubness just a little bit harder.

When I say "my parents," who I'm really talking about is my mom. She and I were incredibly close growing up and she's always been my rock: There for me when I needed a shoulder to cry on, a cup of hot tea or a good heart-to-heart. But all of these things she gave me were always kid things; My relationship with her has always centered around comfort and even coddling.

Don't get me wrong though, I've loved that.

I'm a sucker for bubble baths, mother-daughter bonding trips to the beach and sweet words of encouragement. But at the same time I've learned that I don't really need those things anymore at college. I've learned how to treat myself, have nights of TLC and form my own pro-con lists when I'm making decisions. I've learned how to take care of myself by myself. I've learned to be independent.

While that is a wonderful accomplishment that I'm genuinely proud of, the "cherub child" label has made my self-sufficiency difficult. In my mom's eyes, my budding independence is a detriment to my good behavior and because of that to my closeness to her. Putting myself in her shoes,

I get it: If I don't need to seek my mom out anymore for advice, wisdom and decision-making, she might worry. Will I seek her out at all? Or will I simply move on with my life with independence strapped to my back like a weapon, head bravely into the eye of the storm and leaving my upbringing and my parents in the dust.

When I put myself in my mom's shoes I see how this could be downright terrifying. I've always been her best accomplishment. In a family that was constantly turning itself upside-down with chaos and conflict, I was the constant. The stable one. The easily-controlled one. From my mom's perspective losing me means losing her sense of stability.

So there we have it: The eternal battle of the cherub child. Wanting to please the parents that have always had your back but wanting what everyone else does at the same time — freedom. It's a sticky situation. But sitting in an armchair in Gilman one day and understanding my identity as the obedient and easy-to-control angel in my mom's life has brought me peace of mind.

Because the thing is, I'm not really an angel. Not by any means. That sort of a label creates an unrealistic and impossible expectation of success and goodness that I can never live up to. And while I want more than anything to make my parents happy because of the woman I'm becoming, I've realized that I don't have to be the angel to make them proud. I've realized that I've made them proud for 19 long years of my life, angelness aside. I've realized I've been a good kid and I should give myself credit for that.

So nowadays I'm not going to try to be my mom's trophy on a golden pedestal anymore. I'm just going to be myself — my independent, imperfect, occasionally impulsive, often absent minded and yet still successful and thriving self. And I'm going to give myself the credit.

Procrastination: you aren't the only one



Meagan Peoples
New in Town

yes, surprisingly little gets done inside my room. Actually it would be more accurate to say that very little productivity occurs. However, as a master procrastinator, I have been known to achieve some amazingly useless feats because there is something more important I need to be doing.

Never before has my sock drawer been more organized, my desk cleaner or my microwave shinier as when I was really running out of things to do. As a Hopkins student I rarely have to force myself to do laundry because I simply have to wait until my first paper or really any homework at all. Then poof — my laundry practically does itself. The truly worst part about laundry is that I can only conceivably use it as an excuse once a week, unless I've got a midterm in which case my sheets are getting washed too.

With any luck some of you out there are relating to this instead of just laughing at my inability to act like a grown human being. Sometimes it seems as though I am the laziest person in the universe but at other times I suspect that's just because I'm usually the only one there to witness the backbreaking lengths I go to just so I won't have to leave my bed (because everyone knows that the day only starts for real once you leave your bed).

So just in case there are any other procrastinators out there really only getting work done when your roommates come in so you have to pretend to be writing something down to prevent them from knowing that you haven't stopped watching *Gossip Girl* since the time left that morning to go to the library — know that you aren't alone.

I too have been known to give up on a day half-way through because I just know the most productive thing I am going to do that day is put food in my mouth. While sometimes it seems like everyone but you is working hard, actually trying to make something of their lives, just know that I am out there somewhere, watching Netflix and thinking about all the work I should be doing.



MARK STROZIER/CC-BY-NC-ND-2.0

This stained glass cherub is a symbol for the good child with obedient, anti-conflict tendencies.

What's the Word? This Week on Yik Yak

I'm so glad I still have Feb 30th to finish that paper.

42

14 HOURS

0 REPLIES

SHARE

Yeah people loved the entertainment aspect of Trump, and everybody thought it was a joke before... But now I'm actually terrified. My stomach hurts just thinking of him winning the nomination. Scared.

34

5 HOURS

11 REPLIES

SHARE

Check back
each week to
see what the
anonymous
students of
Hopkins have
to say.

What if Steve Harvey had hosted the Oscars last night

14

9 HOURS

0 REPLIES

SHARE

"Prof, can I get an extension on this assignment?" "Why, what happened?" "Leo finally won an Oscar." "Say no more."

172

1 DAY

0 REPLIES

SHARE

HIP HOP

BUT ALSO observations, lists, thoughts, feelings, missed connections, haikus, confessions, furtive glances and of course, sex.

The best things to wear when it's sunny

1. Definitely a winter coat
2. Bean boots or Hunter rain boots
3. A wool scarf
4. Not sunglasses
5. A ski mask probably
6. At least three pairs of socks
7. Leather gloves
8. All of the above or else nothing.

Magnesium can help fight sleeplessness



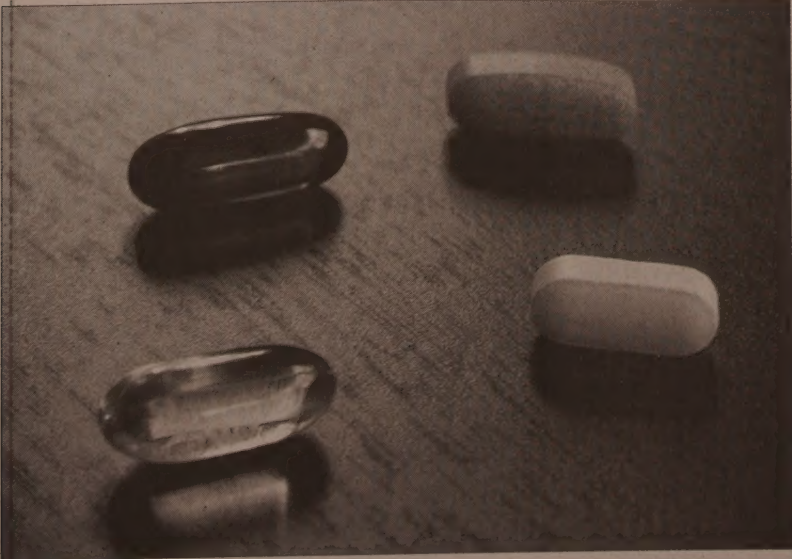
Juliana Veracka
Dorm Diets

I received a surprise delivery in the mail-room last week. It was from my mom and it included — somewhat to my surprise — a couple of vitamin supplements that she thought I could benefit from. One of these was magnesium oil. As it turns out many people experience a deficiency in magnesium but don't even know it. Often this is caused by not eating enough vegetables, diets high in sugar and excess alcohol consumption (I would imagine college students would be particularly at risk for most of these reasons). For those who don't know, magnesium deficiency can cause problems with nerve function, blood sugar, energy and blood pressure among other things. It is linked to various health issues, including hormone imbalances, mental illnesses, type 2 diabetes, fibromyalgia, chronic fatigue and

more. I won't bore you with the reasons behind why my mom thought that I might benefit from some extra magnesium but I think it's safe to say that this is something that could be of potential interest to anyone suffering from similar conditions. So if you're concerned that a magnesium deficiency could be affecting you — well first consider seeing a doctor. I mean if you've been dealing with low energy, pain, fatigue, anxiety or any other similar concerns, it goes without saying that you should talk to a professional about it if at all possible (although I do understand why this might not be ideal for many people). But if you're already dealing with your health problems head on and are thinking that this could be something you want to try in addition to whatever else you're doing to help yourself get through the day — well, you still might want to talk to a health professional. Nevertheless let

me at least give you a little more information about magnesium, magnesium deficiencies and good natural or supplemental sources of magnesium that you can incorporate into your daily life. Foods that are rich in potassium include leafy greens like spinach, fruits such as figs and other kinds of foods like dark chocolate or almonds. Try increasing your intake of these if

Magnesium deficiency is linked to various health issues including chronic fatigue.



KEITH DAVENPORT/ CC BY-NC-ND 2.0
Daily supplements are one way to ensure that you are getting enough magnesium in your system.

Five of the most overrated actors ever



Alexis Sears
Fight Me

Last Sunday everyone and their mom sat in front of the television with a bowl of popcorn to watch the Academy Awards. While the Oscars are an opportunity to honor the best performances of the year, this column is a stellar opportunity to honor the worst actors of today. Although I'm not exactly a Juilliard graduate myself, it doesn't take much talent to realize that the following movie "stars" leave a lot to be desired. 1. Channing Tatum: Do people actually take this guy seriously or is he just eye candy? Even then I have to say that Matt Bomer and Donald Glover are both more delicious than Tatum is in *Magic Mike 2*. (Although Donald Glover doesn't take his clothes off even though I paid \$11 for the ticket!) But I digress — Channing

Tatum cannot act. In fact I don't even think he attempts to. The closest he's come to acting was in the overdramatic and syrupy chick flick based on the Nicholas Sparks novel *Dear John* (and don't get me started on Nicholas Sparks). But for the most part he either strips or just stands there like a statue while Jonah Hill gets the laughs. He has very little charisma or stage presence. Once you get past his sausagey appearance he's pretty boring. 2. Hugh Grant: I love this guy as much as the next girl. After all he's charming and British. But what is he other than charming and British? I would dare say that Hugh Grant plays the same character of the witty, likeable bachelor in every movie and doesn't stray from it. He's not hysterically funny but to my knowledge hasn't given any tear-jerking performances either. He's like that chill professor with whom you'd like to have a beer, but you aren't particularly dying to take his class. 3. Sarah Jessica Parker: Wow does she over-act! Sarah Jessica Parker speaks as if every sentence ends with an exclamation point! Her over



THE COSMOPOLITAN OF LAS VEGAS/ CC BY-ND 2.0
Channing Tatum cannot act. He just stands there like a statue.

the top delivery of her lines and constant gasping for breath on *Sex and the City* make the show's one-liners such as "What comes first, the chicken or the sex?", "Are men just women with balls?" and "Are all men freaks?" (that one might be legitimate) seem harmless. 4. Michael Cera: One word: Ugh. This guy has been playing the same role since *Arrested Development* premiered in 2003. That awkward, fidgety I-am-super-uncomfortable-around-women-but-somehow-I

always-land-a-babe-anyway thing is getting really old. My friend says that he "has the face" of a nerd. Maybe he does but so do 75 percent of Hopkins students and you don't see us on the big screen with Bill Hader and McLovin. 5. Zooey Deschanel: I admittedly haven't seen a ton of Zooey Deschanel movies, but I've seen enough to notice that she never really seems like she wants to be there. She has a very affected air in both her movies and interviews as if Hollywood is a huge inconvenience and she would be just as satisfied sipping a soy latte or some other pretentious drink at a Coffee Bean. Her voice is monotonous, and she is yet another example of how far physical beauty and connections can get you. So as I sat back and enjoyed the Oscars I was sure to show some love for the actors who don't exactly have the Leo DiCaprio finesse. As much as I love to laugh at their lack of skill, sometimes a bad movie is just what the doctor ordered at the end of the day.



RUBENSTEIN/CC BY 2.0
Sarah Jessica Parker of *Sex in the City* fame speaks as if every sentence ends with an exclamation point.

Some haikus about midterms and studying

Midterms and papers approach us far too quickly. Please, we need more time.

Impending exams are worse than forgetting the password to Netflix.

Maybe not that bad, since Netflix is so crucial to your mental health.

Netflix contributes to your well-being and your procrastination.

But watching TV is better than studying every single time.

-Gillian Lelchuk

the johns hopkins

NEWS-LETTER

Editorials

Learning from our controversial past

In the back right corner of Shriver Hall’s grand entrance stands a bust of Isaiah Bowman, the University’s fifth president who presided over the school from 1935 to 1948. He was a Harvard graduate, a renowned geographer, a traveler, a close advisor to both Franklin D. Roosevelt and Woodrow Wilson, and, importantly, an outspoken anti-Semite. He was once quoted as saying, “Jews don’t come to Hopkins to make the world better or anything like that. They come for two things: to make money and to marry a non-Jewish woman.” Thus the recent outrage over the school’s memorialization of this man is understandable.

Our community’s debate over Bowman’s bust comes with a different context, though, which actually makes all the difference: It is indeed important to acknowledge that Bowman’s anti-Semitic beliefs and actions, like implementing a quota on the admission of Jewish students, were and are deplorable and entirely misaligned with the University’s mission and values today. This is fact.

The Editorial Board believes that the grey area arises in the discussion of what exactly the bust of our former president represents. In South Carolina, a Confederate flag represents the racism and violence against African Americans that not only fueled a war but also still exists today. In this situ-

ation, however, it is more difficult to draw the same connection between the bust of Bowman and disgraceful facets of his legacy.

The bust stands at the entrance to one of our most recognizable buildings because it represents and memorializes Bowman’s service to the school itself. During his tenure, he managed to eliminate the University’s growing deficit brought on by the Great Depression, build a sizable endowment, bring the school back to stable financial ground, establish a geography department, and found a facility that later came to be known as the world-renowned Applied Physics Laboratory.

Bowman, like every other person, is neither wholly good nor wholly bad. To regard his bust only as an endorsement of his anti-Semitic beliefs is to negate the extensive amount of good he did for this school. There will always be controversial people and controversial actions that shadow our history, but we can use our knowledge of the past to reaffirm our current values and move forward as a community. Anyone looking at Bowman’s bust today should be able to recognize that the Hopkins of 2016 clearly does not endorse his views. Acknowledging the past is an opportunity to evaluate where we are today, where we’ve progressed and where we can still improve.

R.I.P Yearbook 1889–2015

In 1889, the University’s very first yearbook began with a small message: “The class of ‘89 is about to leave the college halls and go forth into the world. Each and every member takes in his hand a copy of *The Debutante* and his diploma.” Over a century later, our seniors will no longer be able to share the same sentiment.

The school yearbook, which underwent a series of name changes in its infancy before deciding upon *The Hula-baloo*, will not be making a return in Year 127. The decision was made by the Office of Student Life, which deemed the project too under-supported to sustain. In recent years, the yearbook’s existence has relied upon student volunteers who elected to dedicate incredible amounts of their own time to see the project through. With a lack of volunteers, and a lack of student interest in general as evidenced by a weak number of purchases the year prior, the plug was finally pulled on what was ultimately the University’s longest-running publication.

There is no doubt that the yearbook has been a tradition on our campus and the Editorial Board is incredibly sorry to see it go. As editors of a publication ourselves, we understand the immense amount of dedication and care it takes to create something that not only has exceptional content. We understand the reason for the year-

book’s termination but are nonetheless saddened that it will no longer be around to remind students of their time on campus.

By the same token, we certainly recognize the yearbook’s importance in the past. However, it is clear that as time has dragged on, the yearbook was no longer necessary. With the advent of the Internet and social media sites like Facebook, students are now able to store thousands of photos of their college experiences online and are free to wander into the past whenever they would like. Computers and smartphones have made the storage of old photographs easier and more efficient. There was a time when the yearbook had a place and a purpose — modern technology has just made the publication obsolete.

Perhaps what is most sobering about this realization is that most students showed little-to-no interest in the continuation of its production. Many were unaware that we even had a yearbook. Others, who were also saddened by the news, were not willing to put in the effort to ensure its publication. And still others just refused to purchase the admittedly expensive publication. (Only 300 copies were sold last year.)

They say that necessity is the mother of invention. In the end, a lack of necessity spelled the end of a publication.

Editors Note: Will Marcus was not a part of the Editorial Board this week.

The Editorial Board that writes the editorials consists of the Editors-in-Chief, Managing Editors, Opinions Editor, and an editor-at-large on rotation from the remain editors (excluding the News & Features Editors).

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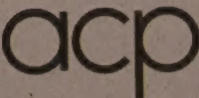
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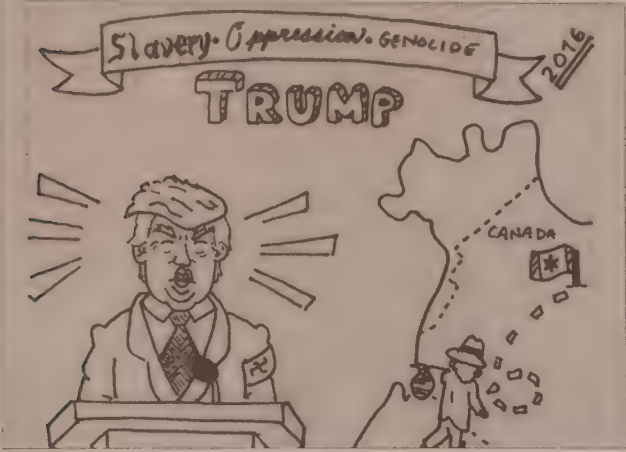


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Donald Trump's anti-Muslim fascism is not entertainment



MEGAN DONNELLY/FOR THE NEWS-LETTER

BY EMELINE ARMITAGE

Ahh... 2016. We are truly living in the future I imagined when I was a little girl. Hoverboards, smart watches, Nutella, those fancy automatic soda machines they have in fast food restaurants now: The future is everything I pictured with one large exception — I did not anticipate that a fascist, racist, misogynistic orange fluffy potato would probably be one of the two major political party's candidates.

Of course, the Democratic and Republican parties have always been racist and sexist, to varying extents over time and in different regions. But I never imagined that the KKK would endorse a candidate and that the candidate would not condemn them on national television when given the chance; that a candidate with no practical, feasible policy recommendations would openly call for shooting Muslims with pig-blood soaked bullets. Our contemporary politicians have always been subtler with their racism and imperialism than Donald Trump (I would argue Cruz's policies are more harmful, though his rhetoric is much less intense). But I have been most surprised at the disappointing reaction to Trump by my white peers (my surprise at his candidacy and the reaction to it surely a product of my naiveté).

Trump is not funny, has never been funny and should not be entertaining. I don't care how good for comedy Trump has been, how many times John Oliver or Jon Stewart or Stephen Colbert (of whom I am a fan) "eviscerate" or "destroy" Trump. Black people have been beaten up and kicked out of Trump rallies, and I would not be shocked if there is an increase in the rate of hate crimes in the near future as the racist rhetoric in the U.S. festers. Luckily the number of Facebook posts I have seen by "progressive," "liberal" people expressing their glee at Trump's candidacy due to its entertainment value have dropped off as his poll numbers rise, but why did we ever feel that way in the first place? Even when his poll numbers were small, why did we ever prioritize our consumption of political theater over the lives of black, Latino and Muslim people who live with the consequences of his extremist rhetoric?

Another trend that has luckily ended recently, but existed nonetheless, was "progressive," "liberal" people claiming that they would vote for Trump as a joke in the primaries or in the national election if they don't like the Democratic candidate. Even when meant as a joke, a vote or endorsement is symbolic: Is symbolic support of a racist Oompa Loompa really worth a chuckle? This early onset ironic support of Trump should have been replaced with early onset condemnation.

Currently, as per usual, there are the usual threats or jokes that white "progressives" make that if Trump wins, they are leaving the country, probably going to Canada. These remarks bother me, even with their innocent inten-

tions. Most people in the U.S. do not have the resources to move out of the country, especially the marginalized groups that are most affected by racist rhetoric and policies. Those who have the privilege and resources to be shielded from racist violence have a duty to fight oppression. Also, white people are collectively responsible for the rise of Trump, even those who do not directly support him. Trump as a political figure is a logical modern-day extension of the genocide and slavery that the U.S. was founded on. This tradition of an anti-black and anti-native political system exists today; going away to Canada will not help those without the resources to leave.

I must confess I have been a little disillusioned by white progressive liberals and their response to Trump. Their reaction has pushed me further to the left, probably to the despair of both Mr. Trump and my parents. I hope the fight against Trump intensifies in the near future, especially since it appears he will win the Republican nomination. My childhood image of the future did not include a Cheeto-dusted white, fascist blob as the president of the U.S. and I would like to keep it that way.

Emeline Armitage is a sophomore International Studies major from Cleveland.

Everyone deserves to have a role model

By TOMMY KOH

The upcoming Homewood Leadership Weekend was envisioned as a platform for empowering student leaders and their organizations to succeed. Sessions on leadership styles, event planning, finance management and administrative organization are intended to impart useful, practical skills for success. The planned sessions overlook one key element of leadership: role modeling.

Leadership theory suggests that role modeling is an important element of leadership. In the Kouzes and Posner Leadership Challenge Model, "Model the Way" is the first of five exemplary practices. Being a role model through actions like fulfilling promises builds credibility and is any leader's first step to earning respect, winning followers' hearts and leading effectively.

When thinking about leadership development, the process of equipping future leaders with core competencies cannot be isolated from making positive role models available. Similar to how great leaders are inspired by mentors, emerging leaders are guided by role models. The absence of role models puts leaders in a precarious and vulnerable position due to the lack of reflective support.

A friend recently recounted a leadership experience at Hopkins that reflected how the best intentions can be distorted by the absence of good role models. When entering a new position, we naturally emulate those who have past experience in the same or similar positions. Even if guidelines exist, we often take "live" signals from our colleagues rather than refer to a "dead" static document.

Many of us assume new positions with the energy that accompanies the excitement of a new start. Recognizing that this spirit is fragile and needs nurturing is critical. In the above narrative, enthusiasm was diluted by others who either strive for minimums or merely sell the illusion of meeting minimums. In the absence of role models,

lowest common denominator leadership dominates.

Such scenarios are lamentable. While it is easy to question the passion or purpose of leaders we consider to be poor or mediocre, relative comparisons with the role models they have access to will show that these under-performing leaders are not extreme outliers but merely reflect a culture of mediocrity. This loss of potential is a shame.

This prompts the important question of why existing leaders do not portray themselves as role models. One answer is that current leaders simply do not know how. It is possible that poor leadership transitions in the past have created a culture where role modeling is lacking, propagating cycle after cycle of leaders who emulate the mediocrity of past generations.

It is also possible that current leaders prioritize other things. Competing priorities such as academics are good excuses to hold ourselves to lower standards. Social agreeableness and consensus

building are similar barriers to role modeling, especially when role modeling positive outcomes departs from the majority. These realities are sad truths.

What then makes a good role model? This question is closely linked to what is involved in being a good leader. In order to avoid circular reasoning where good role models are good leaders and good leaders are good role models, I depart from the Leadership Challenge Model and suggest four approaches that leaders should integrate or at least consider:

First, leaders need to approach leadership with a "more than me" mentality. By broadening our perspectives on what is important and recognizing the diverse and multi-dimensional nature of life and being, leaders will develop empathy and can better access values-driven leadership.

Second, leaders need to remove self-entitlement. Many perceive leadership as positions that have been earned, a benefit deserved on the basis of seniority, success in a selection process or peer votes. This is dangerous and unhealthy. Leaders need to shift their focus outward and toward service.

Third, leaders need to remember that we are our choices. The responsibilities we undertake and the decisions we make are ours to own. Recognizing that we alone have chosen our journeys provides a reminder that we should strive for success in the tasks and challenges that accompany these journeys.

Fourth, leaders need to embrace achieving excellence together. No leader works independently of others; we have networks of peers who support us and who deserve our support in return. Celebrating collective achievements is uplifting, empowering and a source of pride and motivation.

A useful yardstick to assess our own leadership might be to ask what we expect our leaders to do before considering them inspiring and exemplary. I am constantly inspired and motivated by leaders around me who I deeply respect and admire. These role models push me not just to give my best as a leader but also to be a role model to others.

If only by challenging ourselves to role model a higher standard can we leave a legacy, achieve success and build our organizations on a stable foundation of growth. While the skills at the Homewood Leadership Weekend are a start, we must not forget that this campus deserves good leadership and that every potential leader deserves a good role model.

Tommy Koh is a sophomore psychology and political science double major from Singapore.

What to do in the many neighborhoods of Baltimore

By SARAH STOCKMAN

Over the course of my two years at Hopkins I've mostly heard people complain about Baltimore. It's too small, too dangerous, too boring. I've yet to hear anyone say that they actually like the city. No one's told me about a cool neighborhood they visited or a delicious Thai restaurant they've found. No one's said to me, "You have to visit the Walters Museum," or "You can't leave without eating at The Bun Shop."

So I'm going to be that person, at least for the duration of this opinion.

I can't say that I love Baltimore, but I did grow up in Los Angeles, so I may be a bit prejudiced. I do really, really like Baltimore, though. Yes, it can be very gritty in places, and it's not exactly the most culturally diverse city, but it's definitely called "Charm City" for a reason.

I have to say, when I got to Hopkins and was given a myriad of talks about how dangerous the city is, I was a bit put off. The bi-weekly emails about all the people who'd been mugged, stabbed or otherwise attacked didn't help. It's true that I grew up in a big city, but the constant barrage of cautionary tales made it that much

easier to stay in the safety of the Hopkins bubble.

The Hopkins bubble is very real and very scary. It's like a black hole that sucks you in and squeezes you into a line of panicked atoms. Okay, it's not quite that dramatic, but the campus does a really good job of reeling you in and never letting go. However, time spent only at Hopkins tends to drive me a little bit insane. Yes, the campus is beautiful, but I start feeling choked by all the work I've been doing, am doing and have to do. The world outside of the University tends to disappear into a panicked swirl of homework and exams.

Bursting out of the bubble takes work, but sometime at the beginning of last year I decided that, since I'm a senior, it's time I really explored Baltimore outside of the Inner Harbor. I didn't want to be the graduate who got nostalgic for all the stuff I hadn't done in the city. Plus, I'd also come to the conclusion that equally as many muggings probably happened near my house in Los Angeles, but I just didn't get a daily bulletin about them.

Baltimore is a city of neighborhoods. This means that there are little enclaves full of different personalities all over the city. Right next to campus is Hampden, which is super

quirky and feels like you've traveled to a different world. I recommend walking the whole 15 minutes it takes to get there from campus one weekend morning for brunch. There are numerous tiny eateries lining 36th Street, ranging from crepes to traditional American fare. The neighborhood also specializes in antiques and used books, so be prepared to buy a 100-year-old copy of Hamlet because you can't live without it.

I recently discovered Belvedere Square, which is a 10-minute Uber ride up York Road. Belvedere Square is an indoor market that specializes in artisanal and delicious food. Besides buying fancy smoked fish, cheese and homemade kombucha, you can also eat ramen, home-style Southern food and fancy scones. The Square is across the street from the Senator Theatre, which is a super-cool old movie theater that plays special movies on its giant screen on the weekend. A few weeks ago I watched *The Princess Bride*. "Hello. My name is Inigo Montoya" has never sounded so good.

Have you ever really explored Mount Vernon? Or have you just ridden the JHMI Shuttle past the Peabody stop en route to the medical campus? There are a lot of great restaurants that are pretty affordable on a college student's budget. Plus, there are a myriad of cafes that aren't Starbucks, so if you want to get away from campus but still obses-

sively do work, Mount Vernon is definitely the place.


If you need a fast getaway that doesn't involve food, there's this lovely walking path along Stony Run (you know, that bubbling creek behind Bloomberg and the athletic fields) that meanders parallel to Charles Street through the neighborhoods behind Loyola and Notre Dame. It's a great four-mile loop chock full of non-students taking their babies and dogs for walks. There's even a little lending library in a bright green box if you need a book to read while you walk.

The list of neighborhoods to explore goes on and on. I recommend visiting Station North, Federal Hill, Charles Village, Little Italy and Greektown (yes, there's a Greektown). Plus, there's the whole county of Baltimore to visit, including Mount Washington and Towson. I know I sound a bit like an over-enthusiastic parent trying to get their kid off the couch, but I think in order to survive the hell that can sometimes be Hopkins, you have to take some time for yourself away from everything having to do with school.

It's time to leave the Hopkins bubble. Yes, the outside world is a scary place, but you'll be okay. Eating good food and taking a break from the chaos of campus is well worth the risk.

Sarah Stockman is a senior Writing Seminars major from Los Angeles.

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THE B SECTION

N-L

YOUR WEEKEND • ARTS & ENTERTAINMENT • CARTOONS, ETC. • SCIENCE & TECHNOLOGY • SPORTS

MARCH 3, 2016



Arts & Entertainment

Writing Sems holds first reading series of the semester — B3

Tariq Touré releases new book at Red Emma's — B3

Flashframe Film Reviews gives *The Witch* a 9/10 rating — B4



Science & Technology

Graphene's electrons allow for fluid-like properties — B7

Water bears revived after 30 years on ice — B7

The Brain Wave: Brain repairs its own injuries — B9



Sports

Both track teams win Centennial Conference — B10

Senior captain Dene' DiMartino earns AOTW honors — B11

Baseball loses to Keystone College, ties SUNY — B12

YOUR WEEKEND MAR. 3-6

Events in Baltimore this weekend #BmoreOnFire marries art and activism

Thursday

"TO SURVIVE ON THIS SHORE"

Opening Reception

Chase Brexton Health Care, 5 p.m.

This collaboration between MICA Photo and the LGBT Health Resource Center of Chase Brexton Health Care will exhibit photographs alongside interviews of transgender and gender-variant people over 50.

CLEVELAND Opening Night

Psychic Readings, 10 p.m.

CLEVELAND, an original theatre production about prom and strange dreams and who-knows-what-else, will be preformed this weekend only at Psychic Readings as a part of their Late Night Theatre Series.

It is sure to be well worth the \$10 admission.

Friday

D. Watkins and Tariq Touré

Impact Hub, 6 p.m.

Award-winning author and educator D. Watkins will host a conversation with Baltimore essayist and poet Tariq Touré. Shannon Wallace's photography, which appear in Touré's collection of poems, *Black Seeds*, will be exhibited.

Black Words Matter Write-In

Red Emma's, 7:30 p.m.

This collaboration between Writers in Baltimore Schools, Black Words Matter and the Johns Hopkins Poetry & Social Justice course will feature readings, writing workshops and discussion about the Baltimore uprising.

Saturday

"Devil May Care" and "Prelude"

Opening Receptions

Current Space, 7 p.m.

Check out this duel show opening, featuring an array of Baltimore artists and various mediums.

Vague Output:

Pacific Psychedelia Takeover

Club 1722, 10 p.m.

This late night dance party will feature the psychedelic sounds of Pacific Psychedelia from Japan/New York and Vague Output of D.C. It is scheduled to go until 6 a.m. Entry is \$10.

Sunday

Prince Rama and guests

Metro Gallery, 7 p.m.

Dance-y psychedelic duo Prince Rama will be tearing up Metro Gallery. They will share the stage with Baltimore's Chiffon, Blacksage and Amythsx.



TAMAR ALEXIA FLEISHMAN/CC-BY-2.0

The Windup Space, which hosts a wide variety of shows, is located in the Station North Arts District on N. Charles Street.

By MIA CAPOBIANCO
Your Weekend Editor

This past Friday marked the fourth #BmoreOnFire showcase hosted by Baltimore rapper Son of Nun at the Windup Space. The series functions to unite radical, revolutionary and socially engaged artists of various media, including writers, musicians and speakers. Friday's installation featured Eddie Conway, a former Black Panther and previously imprisoned political organizer still active in Baltimore, along with poet, artist and educator Olu Butterfly. Poets, activists, Lady Brion from Leaders of a Beautiful Struggle, and socially engaged musician Bell's Roar were also present.

The event began at 8 p.m., but when I walked into the Windup Space a little before 10 p.m., there was still much to be seen, heard and reflected upon.

Bell's Roar's set-closing track "Black Lives" greeted me as I entered the venue and took a seat at the bar. The musician's voice set against minimal electronically produced beats projected formidable statements such as "The new Jim Crow is all around us" with an approachable air.

After a brief transition period, Son of Nun resumed his place at the mic to introduce Eddie Conway, who joined us via FaceTime. Conway spoke at length about the intersection of art and activism, highlighting his experience in the Black Panther Party (BPP). He expressed the importance of art in revolutions around the world throughout time, making the point that art is inseparable from struggle. Conway also stressed the importance of art as an educational tool: "We could tell stories, we could present ideologi-

cal perspectives, but the art itself was a simplistic way of making a point that people could see and identify with. They could recognize themselves in that art, and they could recognize the struggle."

He then went on to discuss the art and issues that have inspired him, and others, the importance of both theory and practice in order to be a revolutionary and the victory that is the recent release of Albert Woodfox of the Angola Three.

When the conversation with Conway wrapped up, Olu Butterfly took the stage to deliver her words. The poetry she shared centered around themes such as ancestral history, "divides within Baltimore and the importance of uniting. Olu Butterfly's performance was infectious." Her words were set to music and she spoke with both feeling

and impeccable rhythm. She closed the night with a confident piece about the uprising followed by a complex love poem.

After Olu Butterfly's performance, Erykah Badu tracks played over the speakers as attendees trickled out. I headed to the Crown on the same corner to meet up with a few friends, feeling disappointed that they had missed out on an illuminating evening. I hope that I will see a few familiar faces at the next #BmoreOnFire showcase! My experience proved to be one that only Baltimore can offer, and each Hopkins student would be remiss to not make an effort to attend at least one.

Keep your eyes peeled for its announcement! I will be sure to highlight the next showcase in the "Events in Baltimore this Weekend" portion of the section.

Be there or be square or... be there *and* be square?

By VERONICA REARDON
Your Weekend Columnist

"Swing your partner!" the caller says into the microphone. She is a shortish, nice-ish woman of about 60 or so. In fact she's much nicer than the caller was back in May and has kept up a very funny monologue all night. Basically she's awesome.

I am dancing with a man who towers over me by what is definitely more than six feet. He doesn't seem to understand the location of his elbows (about where my chin and neck occur) and almost lands a good strong jab straight into my throat. Although he's very nice and dancing is fun, I am relieved when the dance ends, and I am welcomed into the square before the next song starts.

Yes I know, last week I said I was going to a house concert. But some of my friends were going to the square dance and I didn't know anyone at the house concert (which is sometimes fun to be fair). Long story short I ended up at the square dance instead. They are currently held monthly at the Mobtown Ballroom in Pigtown, although on April 1 there is going to be one in Hampden. That's very exciting to me: firstly, because the Hampden venue is BYOB and secondly, because it's possible to walk there



COURTESY OF BRAD KOLODNER

Square dances often feature live music like the acoustic quartet that played last week's event.

instead of Ubering. Or I guess you can take the Blue Jay Shuttle if you're okay with talking to people on the phone.

Square dances always sounded kind of goofy to me so it took me a while to go to one. This guy I know, Old Joe Langley, has been trying to get me to go to a contra dance he plays guitar at, but it has always been at the wrong time and I never wanted to go that badly. From what I hear I made the right choice since I'm a novice; contra dancers have a reputation for being very intense (who knew?). Apparently they're a lot like square dancers but a lot more strict about how often you can mess up. Anyhow, the first square dance I went to last May was both exactly what I

expected and not what I expected at all. (Yes I'm sure more general statements have been made than that, thank you.)

It was exactly what I expected with phrases like "swing your partner!" and "now do-si-do!" being thrown around a lot. It was also very goofy if you got exactly the right square. It was not what I expected in that it was goofy — not because it was very country and populated by a lot of older folks, but because it was filled with a pretty even and cool mix of age groups. Many people had no idea what they were doing and were just there to dance around, meet people and try something new. This last one, which was last Saturday, was the same: very goofy and fun. It's a whole lot like exercise; you get surprisingly

sweaty and very hot. However, it's a lot more fun than going for a run.

Even if you don't like fiddle music of any kind and don't dance, I would recommend going to one of these. Well, if you really hate the fiddle it may not be fun, but otherwise it'll be great! The caller and your fellow dancers will teach you everything you need to know, and people tend to be very friendly. Square dances are a fun way to meet people (even very tall people with very aggressive elbows) and they usually have a student discount on tickets. You'll probably only end up paying about \$7. The one in April will be especially student-friendly because it will be closer to campus and BYOB, so try to make it over! I'll probably be there.

ARTS & ENTERTAINMENT

Red Emma's hosts book release event

By SARAH SCHREIB
Arts & Entertainment Editor

In a night celebrating the power of poetry, Red Emma's held an event on Feb. 28 celebrating the release of poet Tariq Touré's new book, a collection of poems and reflections entitled *Black Seeds*. Touré is a black Muslim essayist, poet, educator and public speaker who is known for his creation of the #NoJusticeNoLeBron movement urging LeBron James to sit out of a game in protest of a grand jury's decision not to indict Cleveland police officers after the shooting of 12-year-old Tamir Rice in 2014.

As much of his work surrounds the lives of black citizens and the Black Lives Matter movement, the theme surrounding the event was the modern-day experiences of black men, women and children in the United States. To begin the night, Touré brought in a selection of three accomplished spoken-word poets who each performed one poem connected to this theme. Though the poets held similar sentiments about the struggles of black Americans, they each brought their own unique perspectives to their performances.

The first poet was Mecca Verdell, who goes by the stage name Mec-

camorphosis. Her poem, addressed to Raven-Symoné, commented on the actress' words about "ghetto" names and the balance of power in a country plagued by white supremacy. The second poet, Mohamed Tall, began his poem titled "Do The Right Thing" by raising his arms up and chanting.

"I got a target on my body, somebody / Please protect me, got a target on my body, somebody," he said.

His words, commenting on the vulnerability of black men and women and the racialization of police killings, rang throughout a room that had been silenced by his declarations. These words were repeated several times throughout the poem. By the end of his performance, Tall was screaming in anguish, representing the pain and fear of those impacted by racism.

Following Tall was the poet Sadiyah Bashir, whose poem used the menstrual cycle as a base to reflect on the power of women and their role in creating social and political movements. Bashir also spoke of the blame that falls on those who fail to speak out against injustice.

"Silence is a war crime," she said.

Finally, Touré himself

SEE BOOK, PAGE B4

Kesha seeks injunction against former producer



PETER NEILL/CC-BY-2.0

Pop star Kesha's injunction was recently denied in her ongoing legal battle with her producer, Dr. Luke.

By DUBRAY KINNEY
Arts & Entertainment Editor

On Feb. 19, musician Kesha Sebert's attempt to get an injunction against her former producer Lukasz "Dr. Luke" Gottwald was denied. This was the event in Kesha's ongoing legal battle with Dr. Luke as she attempts to sue the producer for alleged sexual assault, amongst other transgressions against her (including emotional distress). The case began with Kesha's lawsuit in 2014.

Dr. Luke is a world-renowned producer who has worked with many of the hottest stars of the past decade, including Nicki Minaj, Rihanna, Pitbull and Juicy J. The lawsuit from Kesha comes after a 10-year

working relationship between the two, including production on her hit sophomore album *Warrior*. The suit was later altered to include the parent company of Dr. Luke's label, Sony Music Entertainment.

The injunction that Kesha filed would have allowed her to be released from her contractual obligations to Kemosabe Records (owned by Dr. Luke) and to release music independent of the label.

The court denied the injunction on Feb. 19, and the public outcry in the aftermath led to a flood of support from Kesha fans worldwide, as well as support from other musicians.

Perhaps the most high-profile endorsement of Kesha came

from Taylor Swift, who donated \$250,000 to Kesha after the injunction's denial. The donation was criticized by former Disney starlet and current pop-star Demi Lovato, who noted the difference between supporting Kesha's cause and supporting a change in American culture. Lovato's criticism of Swift fell under harsh criticism from the general public.

Other stars to publicly voice their support include Best Coast (best known by their frontwoman, Bethany Cosentino), DC rapper Wale and most recently, Adele who publicly spoke about her support for Kesha during an acceptance speech for the BRIT Award for Best Female Solo Artist.

Following the large rally for support, Kesha wrote a post on Facebook in which she thanked her fans and sought to bring atten-

tion to other survivors of abuse.

The suit against Dr. Luke precluded a number of other incidents in which women in the music industry have spoken out against these injustices.

These included accusations against Heathcliff Berru earlier this year. Berru, publicist and former CEO of Life or Death PR & Management, was accused of sexual abuse by a number of musicians, including Bethany Cosentino, Amber Coffman (of experimental rock band The Dirty Projectors) and Beth Martinez (another publicist). After the announcement, several musicians dropped from the PR firm, and ultimately Berru resigned as the CEO of the company while also releasing a statement on the events.

The other headline event of this sort came in the past month when Larkin Grimm accused her former label head and collaborator, Michael Gira (frontman of experimental rock pioneer Swans) of sexually abusing her, then dropping her from his label. Gira denied these claims before releasing an official statement. In the aftermath of the statement, Grimm released a song for survivors of abuse titled, "I Don't Believe."

Overall, the landscape of music has shifted to the need for more awareness of sexual abuse, especially within the music industry. The amount of support that has poured out for each woman who has spoken about their own experiences has been strong.

Dope finds passion in its weirdness and nostalgia

By WILL KIRSCH
Staff Writer

Netflix recently released the 2015 indie film *Dope* on its instant streaming service, blessing millennials with yet another solid teen dramatic comedy. *Dope* is far from *Superbad*, even though it's an awesome movie, yet this is far from a bad thing.

The movie was directed by Rick Famuyiwa and tells the story of three Inglewood teenagers who, in their battle against adversity fought from the depths of social exile, get involved with some drugs — not in the after-school special sense, just in the sense that it's an issue. The cast is headlined by Shameik Moore as Malcolm,

a geek with a passion for the '90s. He is flanked by Tony Revolori and Kiersey Clemons as Jib and Diggy, his best friends as well as fellow neon and flattop fetishists. The three are picked on for doing what Malcolm calls "white things," like skating, studying and having a punk band. They also all have ridiculous amounts of fashion sense: crop tops, denim and primary colors have never looked so good.

The three heroes are surrounded by a variety of gangbangers, drug dealers and people struggling under the yoke of poverty. Amongst this ensemble of supporting actors are a few names any college student would recog-

nize: A\$AP Rocky, Vince Staples, Blake Anderson and Tyga (hint: two of them don't last very long). Zoë Kravitz makes an appearance as Malcolm's love interest, Nakia, and Forest Whitaker plays the narrator. Without a doubt, the movie has a solid cast with some great cameos, all of which coalesce into a good movie. It was even funded by many famous people, namely Sean Combs (Diddy), Pharrell Williams and the aforementioned Whitaker.

There are plenty of movies about growing up and there are plenty of movies about triumph over adversity, so what makes *Dope* different? Well, the aforementioned trope of a '90s obsession is pretty great,

especially since it gives the film license to infuse a healthy amount of classic hip-hop into the soundtrack. That music accents some surprisingly beautiful settings, considering most of the movie is set in Los Angeles.

In those environments, Moore and his co-stars deliver great performances. The three work together well. They are all hilarious and smart with a healthy combination of mature and childish moments. The band Awreeoh also performs for them, which is pretty solid if you like pop-punk. It can be hard to explain the type of dynamic the actors have together, but when it comes to teen movies, the best you can hope for is that they actually seem like they are best friends, like Moore, Revolori and Clemons all do. They are dogmatically supportive of each other but are always there, dependable and ready to make fun of each other.

The auxiliary characters, namely A\$AP Rocky as a grinning drug dealer named Dom and Nakia, Malcolm's mind-numbingly beautiful crush and Dom's "friend," aren't just throwaway pieces of scenery. Dom and his like-minded associates, which include Vince Staples, are enemies, allies and comic relief all

SEE DOPE, PAGE B5



DAVID SHANKBONE/CC-BY-2.0

Zoë Kravitz appears in *Dope* as Nakia, a love interest of main character Malcolm (Shameik Moore).

Reading Series presents night of poetry reading

By SPENCER ABROHMS
Staff Writer

Wyatt Prunty and John Irwin headlined an event on Feb. 5 as part of the Writing Seminars department's Reading Series. The series allows Hopkins students and the general public to indulge in free readings of works of fiction and poetry by the authors themselves.

These readings provide a unique perspective on these works by providing insight into how the author intended the work to be interpreted and read.

On Thursday, Feb. 25, Gilman 50 was packed with students and community members excited to hear interpreted works.

Wyatt Prunty delivered the first reading with his poetry. He has had a dynamic career that includes the creation of nine collections of poetry since 1980, teaching at several universities and receiving multiple fellowships including the Guggenheim and Rockefeller fellowships.

Prunty is a formalist

who plays with metrical verse and writes about a wide variety of topics. Much of his work focuses on "the self." The first poem Prunty read was "Making Frankenstein," which describes a young boy who desperately wishes to see *The Curse of Frankenstein*.

The boy's fascination with the creation of life ultimately causes him to question how children are made which leads him to humorously stumble upon descriptive pictures. This shocking revelation has a profound impact on the boy as he discovers what it means to be an adult and that his father is not as serious a man as he had once believed.

Prunty's unique use of descriptive language is on show in this poem. He paints a clear picture of this confused boy and uses wordplay to describe him as a "little diplomat."

Reading the poem in deep and slow voice, he was able to emphasize the boy's discovery and fluctuating confusion. Additionally, one of the benefits of having the

SEE SERIES, PAGE B4

ARTS & ENTERTAINMENT

The Witch creeps with atmospheric horror



Tim Freborg
Flashframe Film
Reviews

The *Witch*, the directorial debut of Robert Eggers, is simply one of the greatest horror films this reviewer has ever seen. That claim is not a result of the film's innovation, which is admittedly lacking, but stems from its unbridled ability to thoroughly unsettle its viewers, enrapturing and repulsing with every scene.

Horror in film has certainly had its share of ups and downs over the years, and some may argue that it has lost some of its luster. Whether because of the slasher craze in the '70s and '80s, the shift to gore in the '90s or the avalanche of sequels and remakes over the last decade, this reviewer has found it difficult to get truly excited about any horror film of the last few years. Despite that apprehension, a gem has crept in every now and again, dripping with all manner of scrumptious darkness and depravity. First it was *It Follows*, then *The Babadook*. Currently it's *The Witch*.

The film tells the story of an Puritan family exiled from a New England colony, headed by patriarch William (Ralph Ineson), as they venture into the wilderness to begin a new life of modest, hard-working Christian piety. Settling near the edge of a grim forest, the family quickly establishes a small farm and even welcomes a newborn child. The land is quiet and peaceful — both things that never last in a story like this.

Unbeknownst to the family, a great evil lurks within those woods, one set not only on destruction but vile corruption. It begins its nasty work very soon, slowly tearing the helpless family asunder and setting into motion a domino effect



Ralph Ineson portrays the patriarch of a religious family in the haunting period piece *The Witch*.

of suffering the family can only pray to overcome.

The setup of the film is hardly original. While religious horror films of this type have fallen slightly out of style over the years, Eggers does an excellent job recapturing that inherent sense of supernatural dread. From its modest setting to puritan characters, the film's atmosphere is highly reminiscent of that of similar stories by Nathaniel Hawthorne. (The film particularly seems to draw heavy inspiration from the short story "Young Goodman Brown," albeit with a much darker twist.) The film's setting is classically scary, appealing to stereotypes most audiences will recognize: The dark, claustrophobic, misty woods and a ramshackle shack with only dim candlelight to permeate the darkness. Even the film's symbolic characters and props are extremely familiar and that very familiarity is what gives rise to the film's greatest strengths.

From familiarity comes investment. With relatively little effort it is a simple matter to connect with the characters on screen, even with personalities, values, settings and lifestyles com-

pletely different from those of the viewer. Everything is identifiable, and thus it is all the more tragic when the scene is slowly torn apart.

While audiences know to be afraid and what to be afraid of, just enough is obscured to make nearly every camera shot thoroughly unsettling. As if its horrific atmosphere weren't enough, Eggers' script has enough foresight to shy away from one of the cardinal sins of traditional horror: one-dimensional characters.

Whereas many films of this variety will have stereotypical characters who showcase one or two personality traits for the sake of an ironic scare, Eggers crafts

a full cast of real people. Every character is given his or her own world and a distinct manner in which they digest and respond to reality. That world of theirs may be called into question at any point, and every character's values will find themselves shaken to their deathly bones.

Ralph Ineson's performance as William is excellently multifaceted in this capacity, capturing the devotion of both a religious man and a father while also high-

lighting the tragic desperation of his attempts to control his life and family. Kate Dickie's performance as his wife likewise captures an equal amount of desperation, albeit in perhaps a more tragic and terrifying sense.

While admittedly the performances of the child characters are a bit more hit-or-miss, Anna Taylor-Joy's performance as eldest daughter Thomasin brings an electrifying brilliance to some of the film's darkest, most unsettling twists in ways that I absolutely refuse to spoil. With more than their lives and well-beings at stake, the characters find themselves at odds with who they are and the worlds of those around them. The chemistry is tense, perpetually dangling on the edge of a precipice. It is truly the essence of horror.

The Witch is not innovative or inventive. It doesn't create new, fresh ways to look at horror. Instead it takes every tradition that horror has amassed over the last few decades and polishes them to a brilliant shine. There may not be a scream or jump scare in every scene; In fact, audiences certainly shouldn't expect to be surprised at any point of its 90-minute runtime. What they should expect is an underlying desire to turn away, stopped only by an indescribable desire to see what comes next. You may not jump but you will certainly feel uneasy because this film plays to the tune of an ever-quicken heart-beat.

Overall rating: 9/10

Esteemed poets present their work

SERIES, FROM B3

author read his own work is that he can make his intentions clear. When a joke about the nature of the explicit pictures went over the heads of many audience members, Prunty paused for effect, cluing them into the joke.

Prunty also read three of his other poems including "Reading the Map," in which the process of reading a map is an analogy for navigating a marriage. The poem ultimately concludes that, although you can read the lines on a map, love is invisible.

Finally Prunty read "Ad-Lib," a thoughtful poem based on the life of his brother-in-law. He recounted that for most of his life his brother-in-law was a "curmudgeon," yet on his deathbed he became sweet and only wanted to spend time with his family.

John Irwin, the Johns Hopkins University's Decker Professor in the Humanities, read next. Irwin is the author of several works of literary

criticism and has published three works of poetry. Irwin read a narrative poem entitled "Pure Products of America, Inc."

This narrative poem tells the story of born-again evangelist Ray Bob Elray, also known as Big Bubba, who goes on a Baptist radio show in Texas to preach revival. Irwin read the poem with a slow yet humorous tone, providing accents and different voices for the various characters.

Prunty and Irwin both delivered a rousing performance of their esteemed works. The talk contextualized their writing and provided new insight into their purposes.

The Writing Seminars department will host a number of other talks throughout the semester as a part of this new speaker series. The mission of the series has been stated as to expose and engage the Hopkins community with respected authors and give them a larger presence on campus.

WJHU Radio provides outlet for expression

By SARAH SCHREIB
Arts & Entertainment Editor

Giving the Hopkins community an opportunity for musical expression and a constant source of entertainment, WJHU radio has been expanding its presence on campus since its creation decades ago.

Sophomore David Shi, one of the DJs who hosts a show titled "Built to Chill," described the significance of having a college radio station.

"A school radio station is important because it allows students an additional outlet for self-expression," he wrote in an email to *The News-Letter*. "On insular college campuses like Hopkins, it can be difficult to find opportunities for your opinions to be heard, especially on topics such as music."

The organization currently has over 80 members including DJs, writers for the WJHU Blog and members of the Executive Board. DJs broadcast from a studio on the first floor of McCoy through their website wjhuradio.org.

Programming Director Hana Chop, who handles the roster, booking concerts and communications with DJs, described the evolving nature of the organization on campus.

"I think this year has been particularly exciting with growing WJHU as a presence on campus," she wrote in an email to *The News-Letter*. "Given our history beginning in the '80s as Baltimore's biggest public radio station, we thought it would be great to bring an actual FM frequency back to

the station, so we're currently in talks with the administration to get a short-wave radio antenna installed on campus. In addition, we're working to do more programming on and off campus with listening parties, concerts and more."

Chop also commented on the concept of creating a full FM frequency for the station.

"It would be dope if we could be a full-fledged FCC-licensed FM station again but we'll settle (for right now) with getting a short range FM signal, hopefully by the end of the semester," she wrote. "There are a lot of regulatory issues and costs associated with FM radio stations so that's not something WJHU's student organization budget is able to afford — we're always looking for more funding opportunities."

Another facet of the organization is the creation of concert events for Hopkins students and the Baltimore community. The group will present two concerts this spring semester. The first is a collaboration with MICA SoundArt, which will be at The Crown on March 25. It will feature local musician TT the Artist, who performed in a WJHU concert last spring, and several Japanese noise bands. The second concert will take place on April 29 and will feature Hak from Ratking, Jaguar Pyramids and Gloss Gang.

According to Chop, students interested in becoming involved in the group can sign up for a show slot at the beginning of each semester or attend the weekly executive board meetings in the McCoy Radio Station.

Book release focuses on black lives in America

BOOK, FROM B3

presented his own works of poetry, donning dark sunglasses to counter his anxiety about public speaking.

The topics covered in his performance ranged from society's impact on children to education to the connection between the diets of black Americans and the history of white supremacy in the United States.

Other poems within the collection that were not presented during the event include "For Black Girls Who Fight," a poem about the power of black women and their ambitions and "BLM," a haunting, repetitive piece about the history of the Black Lives Matter movement.

"Before Mass incar-

ceration turned babies into bastards / We knew our Black Lives Mattered," he wrote.

According to Touré, the title of his collection, *Black Seeds*, comes from the idea that he is planting seeds so others can follow in his footsteps and express themselves through writing and art.

While acknowledging his role as an inspiration for future generations, Touré also expanded on his own inspiration. He noted that writers like Allen Ginsberg, a poet of the Beat Generation, and D. Watkins, a Baltimore native, have influenced his perspective and style throughout his career.

Scattered throughout the collection are a number of pictures of

black men, women and children. Some stare directly at the camera and therefore the audience. Others are seen in a wide shot in front of a variety of locations including a school hallway, a living room and a lake. These pictures add more weight to the poems they accompany and further humanize a highly politicized movement.

After reading a selection of poems from his recently released work, Touré answered questions from members of the audience.

One question was about Touré's recent trip to South Africa. He responded by stating that the trip made him think about colonization in the U.S. and the different conditions of black people

around the world.

Another crucial focus of the night was the concept of fighting against societal norms and the way the media shapes depictions of black citizens.

Touré noted the unfortunate idea that many people who comment on instances of police brutality seek to place the black victim in a "respectable mold" before they are able to find sympathy for him or her.

Additional responses focused on Touré's role as a husband and father, which he claims caused him to write happier, more upbeat poetry.

He also commented on the part that writing plays in his daily life.

"Writing is self care for me," he said.

ARTS & ENTERTAINMENT

Q&A with Neil Mallinar, host of Tradition Scarf open arts night

Senior Neil Mallinar held an open arts night known as Tradition Scarf on Feb. 5 for Hopkins students to perform in however they pleased. *The News-Letter* spoke with him about what inspired the event as well as plans for future events.

This interview has been condensed and edited.

The News-Letter: To begin, how would you describe Tradition Scarf?

Neil Mallinar: Basically it was an open arts and music night for students at Hopkins to present things they've been working on or show off skills they have in an open environment so that they might feel comfortable with the people around them. It's not on campus, so people were likely to come out and have a good time.

N-L: Why did you decide to spearhead this type of thing?

NM: The idea of an open mic night or a basement show is nothing particularly novel. It's kind of something I'm sure a lot of people have experienced and been to, but here at Hopkins we've never done that, at least not that I've seen. Basically I know a ton of people are creative and want to do something about that. They want to show off their skills, and I've talked to many people about doing a night in which people could present. A friend of mine was talking about doing something like that, hosting a show as well. He's been doing it, his own version of it. It's less of an open mic, more of him performing for people, which I pivoted into anyone can perform, basically recognizing that there's people who can do things musically and artistically. Also, I wanted to foster collaborative arts at Hopkins. That's a big thing, just get people together who work together and know that each other exist.

N-L: What inspired the name?

NM: The first iteration of the name was just "Friday Night Soiree" because it was on a Friday night. Basically I chose "Soiree" randomly, and I posted a poll on the Facebook page saying: "Who has a better name?" People posted ideas, and "Tradition Scarf" got votes, so we went with that.

N-L: What do you think Tradition Scarf means?

NM: For how it came together. I think it means that people are respectful and want to engage with other people creatively. I think that's a big part of why you don't see a lot of things like this happening on the Hopkins campuses. Maybe people are too scared to do it, too scared to reach out, or they don't know the people. People from every single different "clique" of Hopkins — engineering students, humanities students, etc. — just respectfully come together. Nobody really felt uncomfortable putting themselves out there, and I think that means that we're going to see things like this more often because now everyone knows you can do it and people will respond well to it. There are people who have heard about it. I have no idea who they are, and they are way beyond the extended group of people that I know. People were just telling me that some random freshmen were talking about it. I don't know any freshmen other than the members of Throat Culture. Basically, members of the SGA heard about it, and they asked, "How can we help?" People from WJHU heard about it and asked, "How can we help?" What this means for the Hopkins campus is that someone needed to do it, and now that they know that people want it, they need help to put it together.

N-L: Are you planning on having another iteration of Scarf?

NM: At least one more — we probably can't do two in the time left, but one more for sure.

N-L: Do you think the SGA involvement affects Scarf?

NM: We have thought that. Actually, they asked if we could do it at a building on campus, and we said "no." I think part of the reason why people came out is that there were not security guards surrounding the entrance. People come to campus to do work, and this is the kind of school where people only do work on campus. I don't think people feel comfortable engaging socially in something like that on campus. I think the reason so many people came out is because it was in a basement — it was grungy and sort of informal. I think involvement by any of those organizations would be helpful. If they can apply for grants or have people who plan, that's cool. I think we want to maintain what we had last time because it wasn't a rager. People weren't getting wasted; they were just hanging out and having a good time, and I think that's exactly what we're going for. Nobody's not going to want to come because such-and-such provided pizza or soda but I think it would not work as well if it was held on campus.

N-L: How would you feel about Hopkins doing its own thing in terms of the Scarf?

NM: Honestly, the selfish part of me would be like, "That's kind of cool" because I inspired Hopkins to create a new thing. Obviously, they're going to do it if they want to do it, and they might see it as a success. I think the people who would go to the Hopkins version of it might not be the same kind of people that would go to Tradition Scarf. Basically, I think it would be cool if Hopkins were to do something as long as students were to continuously do more basement shows and more informal shows as well. I think we need to set up more unaffiliated, informal events and push further with those events. The underground scene at Hopkins is coming alive, so as long as we keep that momentum, Hopkins can do whatever, and they're going to get a group of people that will overlap.

N-L: Scarf could be tied to the burgeoning underground scene at Hopkins. Do you think we will see people from MICA, Towson and UMBC in the next iteration?

NM: I'd be super down for that — I think that would be really interesting. I don't know how it would play out. There's always people that are going to tell you that MICA students judge Hopkins students and Hopkins students judge MICA students in terms of artistic ability or whether or not they're trying to be alternative. There's always going to be a group of people who feel there's that disconnect, but everyone should have that mutual respect for each other and just be down to hang out and see what's going on in this area. That would be so cool, and I really have a hard time believing MICA or UMBC students came over to disrespect the event. I think it's important for there to be Hopkins-specific ones as well because that's part of building that Hopkins scene of people who work together — having that sense of community that I don't think exists yet. That's necessary. I think that's important to foster a better school community. There's no doubt that there's going to be overlap, and I'm assuming next time there's going to be people from Peabody or MICA.

N-L: Do you have any idea when the next open arts night might be and if it will have the same title?

NM: I'll probably put it up under the same title for now. I might post another poll. It might be fun to have a different name each time. I'd shoot for last weekend of March or first weekend of April. Someone suggested a Spring Fair kickoff.

Dope mixes commentary, tropes



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Rapper A\$AP Rocky makes an appearance in *Dope* as the character Dom, a street-smart drug dealer.

DOPE, FROM B3

at once. They might be drug dealers but that doesn't necessarily make them bad people, does it? That might be debatable, but Rocky certainly does a good job playing the part considering he's not an actor. Another notable cameo and supporting actor is Blake Anderson (*Workaholics*) who plays what he knows so well — an idiot savant who loves drugs.

The movie is quite conscious of the evolving drug market and, to this effect, introduces the viewers to the "deep web." This is the entity that exists beyond the reach of most internet users, where one can go on websites like Silk Road to buy everything from

drugs to guns (but mostly just drugs). Those dark reaches of the worldwide web and the digital currency Bitcoins are important to the story.

Everything that happens in the movie is underscored by the fact that Malcolm, an intelligent and ambitious man, is applying to Harvard. Not many authority figures in his life have any faith in him. He is beset by those who have never managed to escape the hole they dug themselves into. That struggle between ambition and

institutional doubt might be what makes this movie unique. It's not just a teen comedy; it's commentary on being poor and black woven together with light humor.

[Dope] stands out because it is equally funny and socially conscious.

Dope is another addition to a broad genre but it stands out because it is equally funny and socially conscious.

This movie works on multiple levels, whether it's making you laugh or making you think about the social effects of growing up in a place like Inglewood. *Dope* is a film that just works.

Sun Kil Moon, Jesu combine well

By DAVID SHI
For *The News-Letter*

Longtime friends Justin Broadrick (Godflesh, Jesu) and Mark Kozelek (Sun Kil Moon) combined their individual takes on sonic texture and songwriting in the coherent and cohesive collaboration record *Jesu / Sun Kil Moon*.

The indie-folk band Sun Kil Moon gained widespread prominence in 2014 with the release of *Benji* but Kozelek was the frontman of the eponymous slowcore band Red House Painters decades before. While Red House Painters' songs essentially revolve around the same themes of love, isolation and family, Sun Kil Moon removes the shielding veil of metaphor and records Kozelek's life in journalistic detail over often stripped-down instrumentation with nylon-string guitar.

Jesu is the shoegaze project of Justin Broadrick, who pioneered the industrial metal genre as the guitarist and singer of Godflesh.

The album itself is predictable in the sense that Broadrick and Kozelek both incorporate musical ideas that are familiar to their other albums. The instrumentation is slow and sparse but instead of merely repeating arpeggios on acoustic guitar, lilting and distorted chords are interspersed with synthesizers. The crunchy guitars harken back to Jesu's *Silver* EP days, and some songs with acoustic guitar are reminiscent of *Universal Themes*. Aside from the instrumentation, stream-of-consciousness lyrics

meditate upon concepts of love and death.

The first track of the record, "Good Morning My Love," is about someone who doesn't know what the word "rekindle" means when their lover asks to rekindle their relationship. Between the lines of "rekindle" are everyday moments such as watching boxing matches and taking in landscapes. It is in trivial moments like this that something profound is suggested: Perhaps there's a deeper meaning in the everyday interactions that we have with each other.

In an interview with Rainn Wilson, Kozelek describes his new diaristic style as something that happened after he ran out of metaphors. Kozelek sings about grieving par-

ents in the song "Exodus," touching on the death of Mike Tyson's daughter, who the song is named after.

The lyrics also reflect on controversial events of the past few months like his frequent altercations with music journalists and other musicians. These events include Sun Kil Moon's criticism of fellow musicians The War on Drugs, who were the main targets of Kozelek's diss track. He's a self-aware guy, and he knows how the media perceives his often jaded persona but the media doesn't determine the music but rather the perception of it. The music itself is definitely worth listening to, even with all the controversy surrounding this band.



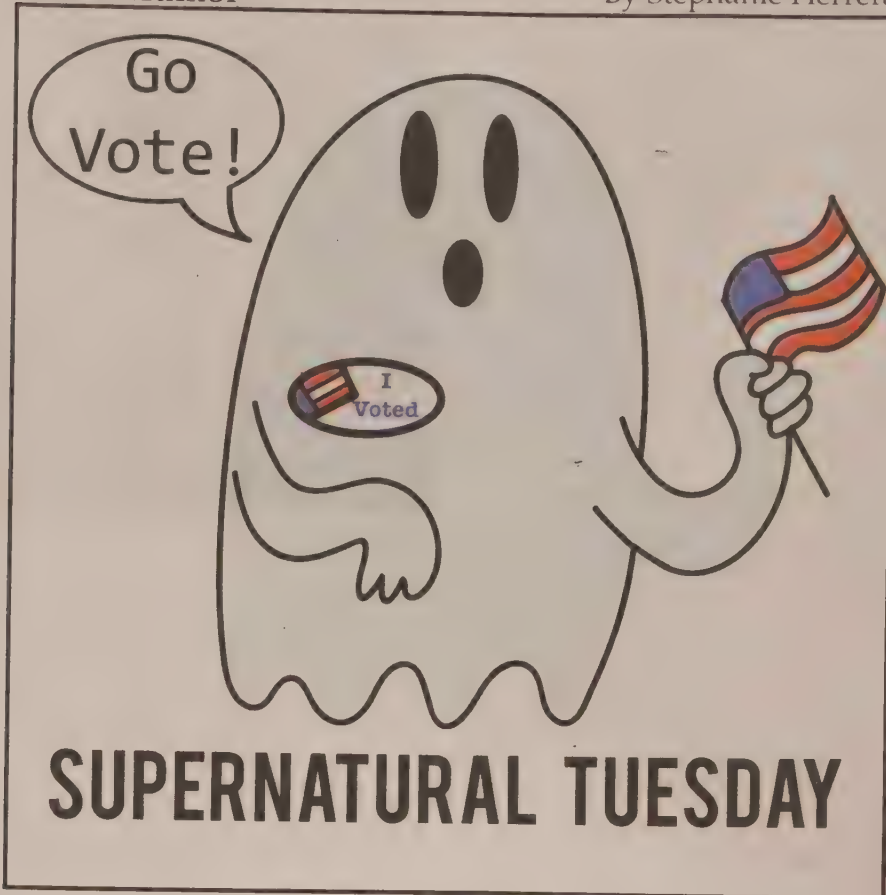
RALPH ARVESEN/CC-BY-2.0

Mark Kozelek, an outspoken folk musician, helms this strong album.

CARTOONS, ETC.

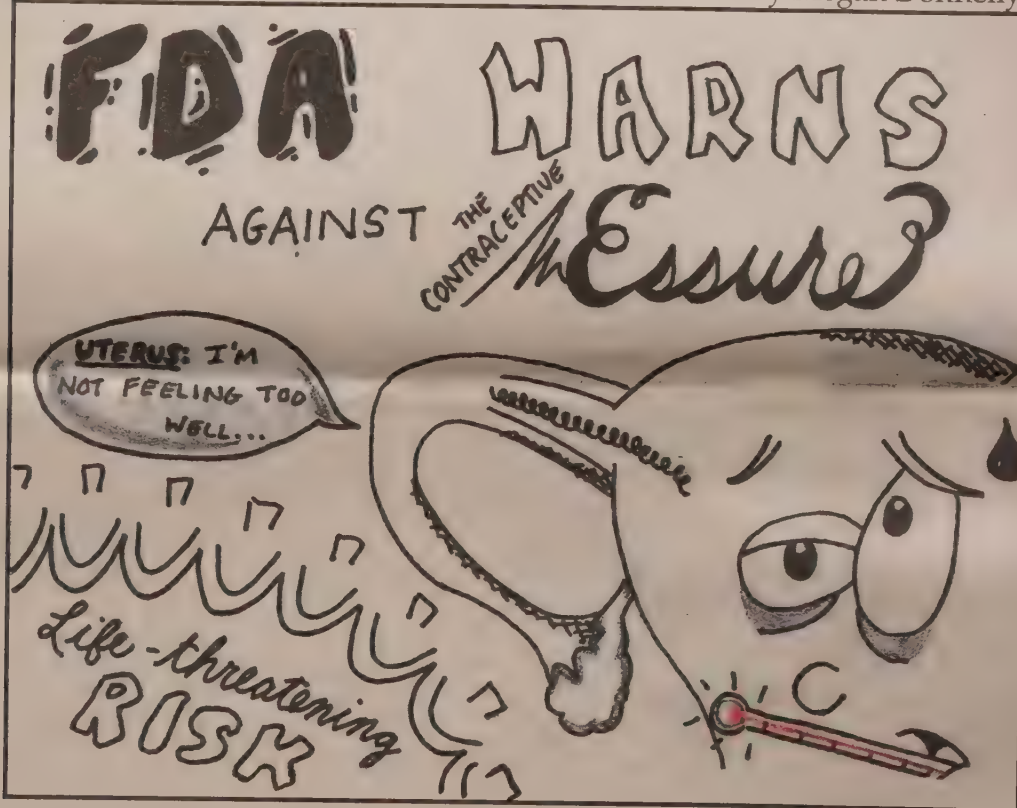
Grave Humor

By Stephanie Herrera



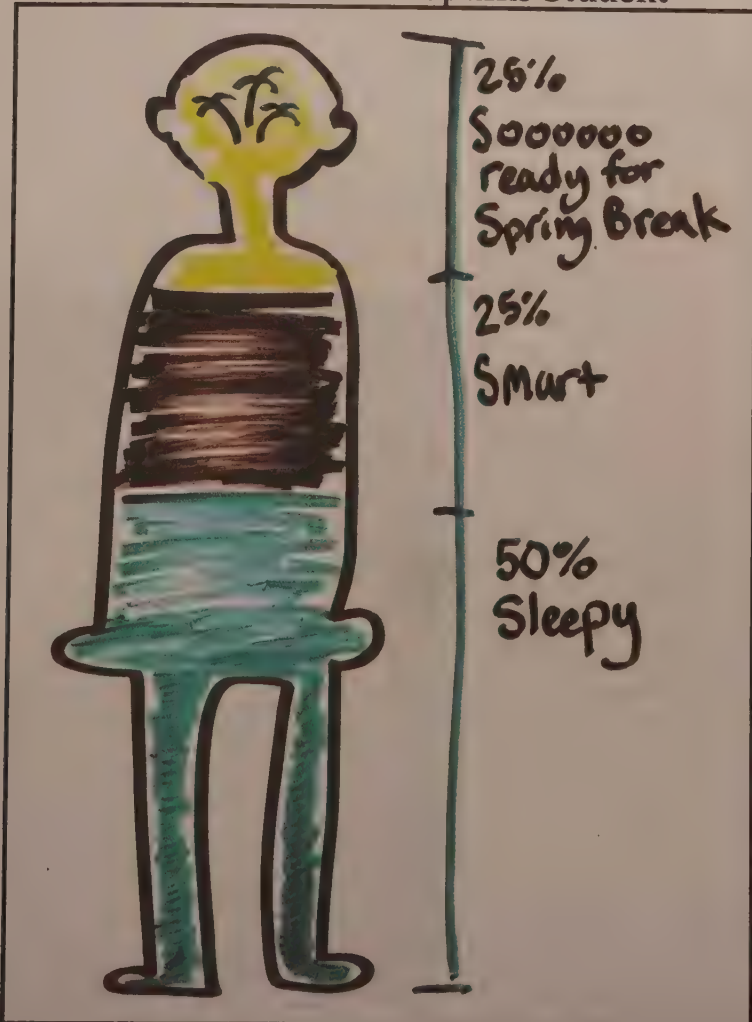
Science!

By Megan Donnelly



From The Whiteboard: Hopkins Student

By Stephanie Herrera



Feeling Artsy?

Student submissions
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If you have any questions or
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SCIENCE & TECHNOLOGY

Graphene may have fluid-like properties

Frozen tardigrades revived after 30 years

By PAIGE FRANK
Staff Writer

Graphene is a two-dimensional, ultra-conductive material that may be the key to understanding current astronomical phenomena, such as black holes and supernova. Originally isolated in 2004 by professors Andre Geim and Kostya Novoselov at the University of Manchester, Graphene could have the potential to advance our understanding of relativistic physics and completely revamp current electric industrial products. This so-called “wonder material” essentially consists of a one-atom-thick carbon sheet composed of a honeycomb-like network of atoms.

As one of the most conductive materials on earth, graphene holds potential for increasing battery efficiency, replacing silicon in electronics and leading the pursuit of cheap thermal electricity. The material is also stronger than steel, harder than diamond and proven to have the poten-

tial to act as a superconductor. In order to begin to harness and utilize the unique properties that graphene possesses, scientists continue to strive to better understand the metal’s physical properties and to discover a simpler way to manufacture the metal in a pure form.

Researchers at Harvard University and Raytheon BBN Technology just published results revealing yet another unique property of the metal: its compliance with the laws of hydrodynamics. Rather than act as particles of a solid, as one would expect it to do, the electrons in graphene behave as if they are part of a fluid. The fluid-like properties of graphene were discovered by a team of scientists, led by Philip Kim, professor of physics and applied physics at the Harvard John A. Paulson School of Engineering and Applied Sciences (SEAS), only after they had found a way to isolate graphene in an ultra-clean form. The researchers

SEE GRAPHENE, PAGE B9

By SABRINA CHEN
Staff Writer

What happens when you mix moss from Antarctica that has been frozen for 30 years, water and a bit of algae? You create revived microscopic tardigrades.

Tardigrades, more commonly known as water bears, have been successfully revived and reproduced at the National Institute of Polar Research. The revival marks the longest recorded survival for tardigrades as either animals or eggs.

Tardigrades are about 0.2 mm long and resemble caterpillars in shape. They are water-dwelling and eight-legged and were the only species ever observed to survive outside of Earth’s sheltering atmosphere. They reproduce by laying eggs via sexual or asexual reproduction and primarily feed on fluids from plant cells, animal cells and bacteria.

Tardigrades have the special ability to shut down temporarily, essentially “freezing” metabolic activities, when they are induced by physiological stimuli, including desiccation and freezing. This phenomena is known as “cryptobiosis.”

The particular tardigrade samples used in the study were retrieved from a frozen moss sample collected in Antarctica in November 1983. The moss was defrosted in May of 2014 and subsequently soaked in water. The defrosting period lasted for 24 hours, as did the soaking period. Two individual tardigrades and one egg were separated from the sample and grown up in agar plates with algae. The egg successfully hatched and one of the individual tardigrades was successfully revived. Furthermore, reproduction between the two living tardigrades also occurred.



GILAD ROM/CC-BY-2.0
Two tardigrades and a tardigrade egg from Antarctica were revived after being frozen on moss for 30 years.

However, the recovery of the frozen tardigrades was not immediate. On the first day after rehydration, the researchers noticed one of the tardigrades had slightly moved its fourth pair of legs. It took two weeks of rehydration before the microscopic animal could crawl and eat and 19 days for the tardigrade to lay its first egg. In the nine and a half days following the laying of the first egg, the tardigrade had laid a total of 19 eggs, 14 of which hatched successfully.

The second tardigrade grown on the agar plate also moved its fourth pair of legs slightly on the day after rehydration. However, it was not able to recover or reproduce successfully and died just 20 days after rehydration.

The egg that hatched produced a juvenile that ate, grew and reproduced without any noticeable problems. It laid a total of 15 eggs, seven of which successfully hatched. The offspring from the individual tardigrade and the egg that hatched were morphologically identified as *Acutuncus antarcticus*, a specific species that is endemic to Antarctica.

Researchers noticed that not only was a long recovery time required for the animals to recuperate, but also that the time it took the frozen tardigrades to hatch eggs was far longer than that of normal tardigrades. From their findings, the researchers concluded that possible damage can accumulate over 30 years of cryptobiosis. However, there was no obvious damage to the one tardigrade or the revived egg.

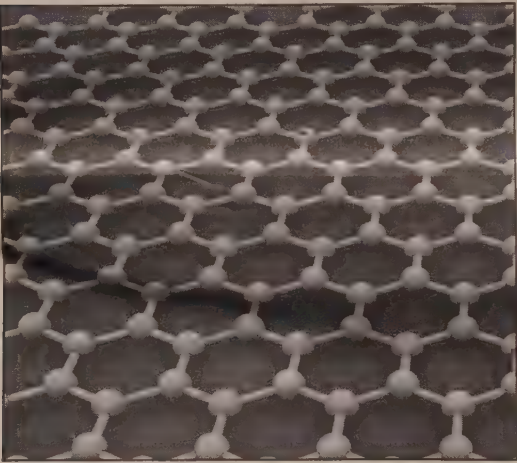
“Our team now aims at unraveling the mechanisms underlying the long-term survival of cryptobiotic organisms by studying damage to tardigrades’ DNA and their ability to repair it,” Megumu Tsujimoto, the lead researcher at National Institute of Polar Research, said in a press release.

Organisms’ long-term survival has been the main focus of previous studies of cryptobiotic microscopic animals. Re-

covery of the animals, on the other hand, has not been reported or studied in great detail. In 1946, the oldest and longest record of nematodes revived after dried storage was reported. The nematodes survived for 39 years. A few years later, another study reported on the revival and reproduction of nematodes from loss that had been frozen for 25 years.

In previous studies of tardigrades, the longest record of revival after long-term frozen storage was eight years. The longest record of revival after long-term storage at room temperature was nine years.

The current study at the National Institute of Polar Research has therefore helped scientists to further develop the understanding of mechanisms regarding the long-term survival of organisms.



ALEXANDERAIUS/CC-BY-SA-3.0
Graphene’s honeycomb-like structure gives it its special properties.

Samsung impresses at Mobile World Congress

By SCOTT ZHENG
For The News-Letter

This past week, the Mobile World Congress (MWC) convened for the eighth year in a row, meeting in Barcelona, Spain. This annual event is the largest mobile phone exhibition, where electronic companies including Samsung, LG and HTC showcase their soon-to-be-released smartphones. One big name is missing from this list every year — Apple is noticeably absent from this event because the company hosts its own reveal events.

Samsung Electronics, the company with the biggest market share of Android phones, did not disappoint critics at this year’s MWC. Samsung revealed its new flagship phone, the Samsung Galaxy S7, with a 5.1-inch screen, alongside the Samsung Galaxy S7 Edge, with a 5.5-inch screen, using a virtual reality presentation.

The Galaxy S7 is similar to the Galaxy S6, but Samsung decided to bring back two features users wanted from the S5 that were not in the S6 — water resistance and the microSD card slot for ad-

ditional memory. Despite these updates, they stuck with the non-removable battery that many critics had complained about.

Otherwise, the most noticeable changes to the Galaxy S7 were to the camera, whose megapixel count was reduced from 16 to 12. Samsung says that this was an attempt to improve camera performance in low-light environments. The front-facing camera kept the same five-megapixel resolution as the S6.

The Galaxy S7 Edge features the introduction of water resistance and a microSD card slot to the Edge line, which started last year with the S6 Edge. Like the S6 Edge, the S7 Edge has the same screen that bends around the sides of the phone, keeping favorite apps or contacts easily accessible. Both Samsung phones will be available on March 11.

LG Electronics drew favorable reviews with its new flagship phone, the LG G5, which has a 5.3-inch screen. The biggest new feature of this phone includes a design that lets users attach various accessories to the phones. The G5 also has two rear

cameras, a feature that is unique to this model, and, unlike the more recent Samsung Galaxies, the battery in the G5 is removable. The G5 is expected to be released in early April, although no official date has been set.

Apart from Samsung and LG, the other major electronic companies’ smartphones failed to impress reviewers. HTC recently released the 5.5-inch HTC One X9 in January, so most of the excitement surrounding this product had already gone away. Sony introduced two phones, the Sony Xperia X and the Xperix X Performance. Both of these phones’ major selling point was their 23-megapixel camera. The main difference comes in the processor — the Xperia X uses a Snapdragon 650, with a CPU that operates up to 1.8 GHz, while the Performance uses a Snapdragon 820, which has a CPU that can run as high as 2.2 GHz. However, this phone is still months away from release, as it is scheduled for release in the summer of this year.

The other piece of technology that stole the spotlight was the use

of virtual reality. Samsung’s entire presentation of the Galaxy S7 and S7 Edge took place through a virtual reality headset. Recently, virtual reality has been one of the biggest developments in gaming and image-viewing technology. However, the user is very limited in what he or she can see; Most of the virtual reality devices that are in development can only view one side.

Samsung is looking to capitalize and expand on this market by introducing the Samsung Gear 360. The Gear 360, a ball-like structure, is able to capture spherical images with its design, which consists of two lenses on each side of the phone. Each lens covers a view of 195 degrees, so by combining the image from each side together, Gear 360 can capture a full 360-degree image.

Overall, many considered Samsung to be the dominant player during the MWC, impressing critics with their two new phones and a piece of virtual reality technology that has elevated the standard for competing electronic companies.

Carnitine may prevent some forms of autism

By REGINA PALATINI
Senior Staff Writer

Autism spectrum disorder (ASD) consists of a group of neurodevelopmental disorders. Individuals with autism tend to experience social, emotional and communication skill disabilities.

Persons with ASD can range from gifted to severely challenged in their thinking, learning and problem-solving abilities. The term “spectrum” is used to describe the wide-ranging symptoms, skills and levels of disability in functioning that can occur in these individuals.

ASD can be found across all socioeconomic levels and in all racial and ethnic groups; However, there is a higher occurrence in boys than in girls. The Centers for Disease Control and Prevention (CDC) estimates that one in 68 children has ASD. Currently, ASD cannot be cured, but early intervention therapy has been shown to improve the ability of a child with ASD to walk, talk and interact with others.

In July, autism researchers at Texas A&M University reported in the journal *Cell Reports* that they have new information suggesting that carnitine, a compound found in red meats and whole milk, may prevent some forms of autism from starting during the early development of the fetus.

SEE CARNITINE, PAGE B8

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SEE CARNITINE, PAGE B8



JON SULLIVAN/PUBLIC DOMAIN
Red meat contains carnitine, which may prevent some forms of autism.

SCIENCE & TECHNOLOGY

Incarceration affects sexual partnerships

By JOAN YEA
Senior Staff Writer

High rates of incarceration prevail in many U.S. communities. According to the most recent data compiled last month by the International Centre for Prison Studies, the U.S. has the second-highest incarceration rate in the world: about 698 prisoners per 100,000 residents. Numbering more than 2.2 million, the U.S. prison population is by far the largest in the world and is disproportionately comprised of young black and Hispanic men.

The imprisonment of so many citizens who could otherwise contribute to the U.S. workforce has exacted its toll not only on limited resources but also on social networks in communities that are affected by high rates of incarceration. Several studies have found that widespread imprisonment results in the upheaval of community structure as well as community values, including societal norms governing sexual behavior.

Though this topic is not studied relatively frequently, some studies, including one led by Dr. Andrea Knittel at the University of Michigan, have further delved into the destabilizing effects of incarceration on communities. In their study, recently published in November 2015 in the journal *Social Science & Medicine*, Knittel and her research team devised a computer model to study the effects of high incarceration rates on sexual partnerships in a community.

This computational model utilized values that approximate the patterns of sexual partnerships, as reported in national data, among 20- to 25-year-old heterosexual urban residents in the U.S.

Limiting the model to a community of 250 agents, half male and half female, the investigators sought to specifically test how varying rates of male incarceration would disrupt the sexual partnerships within the wider community, outside of sexual encounters that may occur inside criminal justice institutions. The algorithm used in the computer model incarcerated male agents for a number of weeks before releasing them back into the population.

In all of the simulations, individuals were assigned a measure of quality to indicate their desirability to other agents, and as a penalty for being incarcerated, male agents lost 10 percent of their quality for each week of imprisonment. Incarcerated male agents were also assigned new probabilities of relationship break-up at the time of incarceration and new probabilities of relationship formation while in prison. These probabilities were approximated based on data concerning partnership dissolution at the time of incarceration, which, according to one estimate, may affect as many as 40 percent of relationships.

Due to the increased number of break-ups and newly formed relationships, high rates of male incarceration, according to this study, led to an increased number of sexual partners for both male and female agents. Male agents acquired an additional nine to 17 partnerships whereas female agents experienced an additional five to 12 partnerships within a year's time.

Moreover, increasing the prison sentence lengths for male agents further generated a net increase in the number of sexual partners for both male and female agents. Increasing the penalty for incarceration caused male partners to have fewer partners within a year, but a greater number of partners in the long-term. For female agents, the number of additional partners increased as rates of male incarceration rose.

Knittel and her research team suggest that female agents, upon the loss of their existing relationships with incarcerated male agents, tend to seek more partnerships in their attempts to find better, high-quality partners. While incarceration is one of several social factors that affects sexual decision-making, the investigators posit that reducing incarceration in a community may help reduce the number of sexual partners that men and women have, thus slowing the spread of sexually transmitted infections in a community.

The research team noted that their model did not explicitly include the transmission of HIV and other STDs, but the community-level increase in the number of partnerships, which is linked to high rates of incarceration, cannot be said to be an insignificant factor.

Another limitation of this model, as the researchers acknowledge, is that this model excludes individual and community-level changes in attitudes toward sexual behavior. Male agents, for instance, may be more likely to seek an increased number of partners following incarceration in their attempts to make up for experiences that they missed out on while they were incarcerated. Due to the exclusion of factors such as changing sexual norms, the researchers believe that their computational model probably underestimates the effects of incarceration.

To combat some of the destabilizing effects of incarceration on an affected community, some experts suggest policy interventions to help prisoners maintain community connections and provide job training and placement for inmates following their release. Yet, at current rates of incarceration in the U.S., others espouse a reform of the criminal justice system, which they say would be more humane and cost-effective in its efforts to maintain community networks and conserve the economic and social viability of their residents.

By KEVIN NECOCHEA
For The News-Letter

China is second only to the U.S. in obesity rankings, with an overweight population that has reached 300 million people in the last three decades. Although the majority of obese individuals are adults, children and adolescents are also affected, and health risks caused by obesity include conditions such as diabetes, cardiovascular disease and various types of cancer.

Junfeng "Jim" Zhang, a professor of global and environmental health at Duke University, has led a number of international collaborations to study air pollution, which is a well-known risk factor for obesity. One of his recent studies, published in the *Journal of the Federation of American Societies for Experimental Biology*, reported that rats who breathed Beijing's highly polluted air experienced weight gain as well as cardiorespiratory and metabolic dysfunction.

The Environmental Protection Agency (EPA) uses particulate matter (PM) measurements to categorize atmospheric particulate matter with different diameters. For example, PM2.5 refers to particles with an average diameter of 2.5 micrometers (µm) and PM10 refers to particles with a diameter of 10 µm. Fine particles have diameters of less than 2.5 µm. These particles can be small enough to reach the lungs — and in some cases the bloodstream — and can cause serious health problems.

The researchers stated that previous studies have linked environmental factors such as air pollution to global obesity, but so far none has established a direct link between par-

ticle exposure and weight gain under normal dietary conditions. They also mentioned that those studies only focused on early-life exposure and only used intermittent, artificially concentrated ambient particulates.

For this study, 30 pregnant rats were randomly separated into two groups and put into two identically sized chambers. One chamber received natural, unmodified air from Beijing, and the second one contained a high-efficiency particulate air (HEPA) filter to remove most of the pollution particles.

The chambers were placed side by side in an air-conditioned room 2 kilometers away from a ring road in Beijing that carried 220,000 vehicles per day. In both the rats received the same amount of natural light and were fed the same chow diet. Two experiments were carried out, lasting 14 and 19 days. During this time period, the rats were weighed at the beginning of the experiment and every three days throughout.

After the exposure period, the rats were sacrificed and their blood was collected. Plasma cholesterol, glucose and other components associated with obesity were measured using enzymatic colorimetric assays. Some

organs were fixated and collected for analysis, and second-generation RNA sequencing was also used to analyze gene expression in the lungs.

The results showed that the mean body weight of the group exposed to unfiltered air was higher than that of the other group, with a disparity that increased as the exposure time increased. This difference between the heavier and the lighter group was seven percent on day 14 and by day 19 it was 15 percent. When plasma lipid profiles were compared, the authors noticed that the unfiltered group displayed an altered metabolic profile that contributed to a systemic oxidative stress.

Following the aforementioned testing, the offspring of the rats who had undergone the 14- and 19-day exposure protocol lived in the same cages for eight weeks until they were humanely killed for analysis. The results were similar, but the un-

filtered group showed a more significant difference in body mass and a worsened lipid profile.

By implementing RNA sequencing analysis to the testing procedure, the researchers noticed that gene expression changed for over 100 genes. Most of these genes affected inflammatory responses and glucocorticoid, which regulates the metabolism of glucose response elements.

Because chronic inflammation has been connected to obesity, which is closely related to metabolic diseases, the researchers concluded that their findings provided enough evidence that constant exposure to high polluted levels of PM2.5 increases the risk for developing obesity.

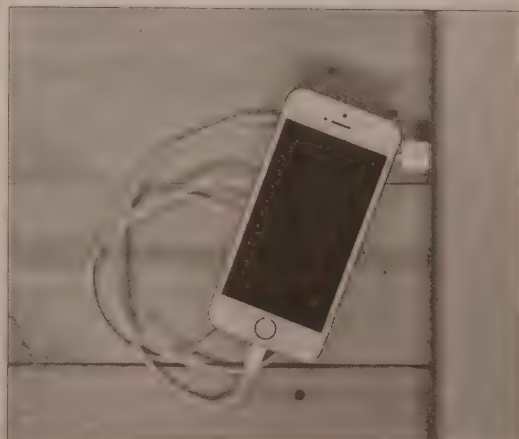
The next step for researchers could be to observe whether similar results can be seen in humans. If these results are verified in human populations, the researchers suspect that the findings will support measures to reduce air pollution.



PUBLIC DOMAIN

A recent study found that particulate air pollution is linked to obesity and other diseases.

Footsteps could be used to charge phones



PUBLIC DOMAIN

In the future, we could charge our phones simply by walking.

By GABRIELLE STEPHENS
For The News-Letter

Smart phones and the features they offer have become an essential part of daily life. Yet their short battery life, which is approximately three-fourths of a day, leaves many frustrated, especially if power cords and chargers have been misplaced or forgotten. However, according to a new invention from the University of Wisconsin-Madison (UW-Madison), the frustration of a forgotten charging device may soon become a relic of the past. A novel energy collection and storage technology, which was developed by

mechanical engineers at UW-Madison, could allow users to charge their phone's battery through their footwear.

Mechanical Engineer and Researcher J. Ashley Taylor and Professor of Mechanical Engineering Tom Krupenkin described their work in a paper published in the journal *Scientific Reports* last year. Krupenkin and Taylor claim their device is particularly apt for capturing the energy of human motion.

According to Krupenkin, human walking carries a lot of energy. It has been estimated that walking can produce up to 10 watts per shoe. This is a significant amount of

energy, especially when compared to the amount necessary to charge a typical smart phone. According to Krupenkin, smart phones usually require less than two watts to charge, leaving an excess of energy that could be used to power flashlights, laptops, tablets or other small mobile devices.

Logistically, Krupenkin and Taylor's system works through the sole of a shoe and involves an energy harvester that sits inside a carefully crafted piece of footwear. Since research has shown that traditional approaches to energy collection and conversation have not worked well with large footfalls and small displacements, Taylor and Krupenkin have developed a new method of directly converting mechanical motion into electrical energy. Their innovative method, coined "reverse electrowetting," uses a nanofilm-coated surface to convert mechanical energy directly into electrical energy when a conductive liquid interacts with this surface.

Yet this novel technique is not enough to adequately coincide with the low-frequency disjointed walking styles of most people. Because reverse electrowetting re-

quires continuous quick vibrating or rotating, this method alone is not a viable technology for producing electricity through walking.

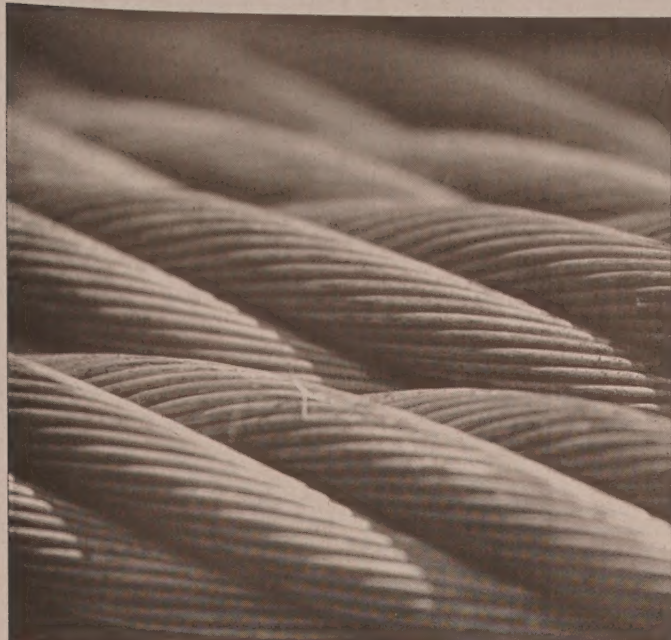
Yet Krupenkin and Taylor did not give up. Instead, they pioneered another new mechanism, called "bubbling," to solve this problem. In its most basic form, bubbling works by using pressurized gas to produce bubbles in a conductive liquid.

Within the compartment of the shoe that would create electricity, two flat plates, one on top of the other, would be separated by a small gap filled with conductive liquid. The bottom plate has many tiny holes through which pressurized gas is able to make bubbles. These bubbles expand until they are collapsed by the top plate, causing the system to begin again. It is this continuous disturbance that allows Taylor and Krupenkin's reverse electrowetting to succeed.

The two scientists believe their technology could be used for a diverse set of activities and people, from military personnel to individuals living in developing countries that lack adequate power grids.

SCIENCE & TECHNOLOGY

The metal graphene can behave like a fluid



WLODI/CC-BY-SA-2.0

The metal graphene has a number of useful properties and is stronger than steel.

GRAPHENE, FROM B7
were able to create an extremely pure sample of graphene by sandwiching the one-atom-thick layers between 10 layers of electrically insulating perfectly transparent crystal with an atomic structure mimicking that of the graphene itself.

"If you have a material that's one atom thick, it's going to be really affected by its environment," Jesse Crossno, a graduate student in the Kim Lab and first author of the paper, said in a press release. "If the graphene is on top of something that's rough and disordered, it's going to interfere with how the electrons move. It's really important to create graphene with no interference from its environment."

The sandwich technique was developed by Kim at Columbia University, and he continued working on it at Harvard University since 2014. The final step to isolating pure graphene in order to observe its elec-

tron flow was to make a thermal soup of positive and negative particles on the surface of the graphene. Using the flow of the particles in the soup, researchers could form conclusions about the particle flow within graphene.

"Instead of watching how a single particle was affected by an electric or thermal force, we could see the conserved energy as it flowed across many particles, like a wave through water," Crossno said.

In a three-dimensional metal, electrons rarely interact. What was observed in graphene was almost the opposite — the electrons formed an electron "superhighway" of sorts. They moved, as massless relativistic objects, some carrying positive charge and others carrying negative charge. The movement is described as a superhighway because the particles all move as if trapped in a single lane. The particle speeds hover around 1/300 of the speed

of light, translating to a predicted 10 trillion collisions per second at room temperature. The potential of graphene within the realm of physics is immense. In regards to our current understanding of the physical world, physicists rely upon three primary, and often distinct, sets of laws. For everyday physical action, such as how a fluid flows or the trajectory of a bullet shot out of a gun, classical physics is sufficient. When it comes to very small objects, like electrons, quantum mechanics is used. Large, fast objects like galaxies are described by relativistic physics. What graphene does is help to bridge the gap between these distinct sets of laws. Some of the only other objects through which more than one branch of physics can be observed include black holes and other high-energy systems, all of which are impossible to experiment on. Graphene's fluid electron movement, which obeys hydrodynamics, and its particles' observance of relativistic physics, allows it to bridge a gap among the laws of physics.

"Physics we discovered by studying black holes and string theory, we're seeing in graphene," Andrew Lucas, co-author and graduate student with Subir Sachdev, the Herchel Smith Professor of Physics at Harvard

University, said in a press release. "This is the first model system of relativistic hydrodynamics in a metal."

Pieces of graphene could one day be used to model other high energy systems.

Beyond the potential the metal holds for the realm of physics, scientists are also working to harness graphene's unique ability to transmit thermal energy using the high-speed flow of its electrons. Thermal energy is produced through two methods in a material: Through vibrations in atomic structure and through the electrons themselves.

The researchers wanted to focus only on the heat that is carried by the electrons and not on the lattice itself.

In order to do so, the team decided to look into noise — at a finite temperature electrons move randomly, and the higher the temperature the "noisier" they get. The correlation between electron movement and noise enabled researchers to use the noisiness of the electrons as a medium through which to isolate the energy of the electrons from that of the atomic vibrations. Quantifying the thermal energy of the electrons in graphene is the first step towards applying it to electronic devices. Because the electrons in graphene have no mass and flow with no resistance, the conductivity of the material could lead to the realization of a high-speed nano-electronic device.

"Converting thermal energy into electric currents and vice versa is notoriously hard with ordinary materials," Lucas said. "But in principle, with a clean sample of graphene there may be no limit to how good a device you could make."

Can the brain repair its own injuries?



Duy Phan
The Brain Wave

According to the Centers for Disease Control and Prevention (CDC), 1.7 million individuals per year sustain a traumatic brain injury in the United States, imparting an estimated annual economic burden of \$76.5 billion.

A big challenge in dealing with traumatic injuries to the brain is the limited regenerative capacity that the central nervous system has. Unlike skin or muscle, the brain's ability to completely regenerate following injury is limited, often rendering the loss of brain function permanent following traumatic injuries to the brain or spinal cord.

However, recent research in neural stem cells offers much hope for future regenerative medicine to promote better functional recovery in individuals who suffered traumatic brain injuries. Studies suggest that the brain may be much better at self-repair than we previously expected, and augmenting the brain's internal regenerative program might pave the way for recovering lost brain functions.

Although there used to be doubt regarding the existence of adult neural stem cells, it is now well-accepted that neural stem cells exist in the adult brain. These stem cells play important roles in brain health and function, from supporting learning and memory to regulating mood in response to stressful conditions.

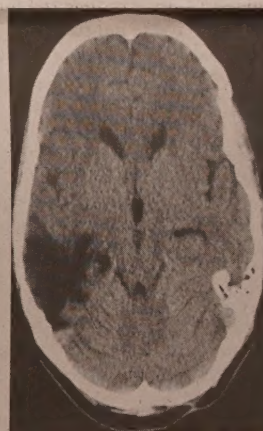
The existence of adult neural stem cells opens up major possibilities for endogenous brain repair. Indeed, some studies in rodent models showed that neural injury causes an increase in the proliferation of neural stem cells as well as the migra-

tion of stem cells toward the site of injury. Some of these observations have also been confirmed in human patients with traumatic brain injuries, suggesting that neural stem cells may have a reparative effect following injury.

In support of the hypothesis that increased neurogenesis plays a regenerative role in neural injury, reports have shown that preventing neurogenesis worsens cognitive decline following injuries. Altogether, these results suggest that it may be possible to enhance the human regenerative response to traumatic brain injuries by augmenting neurogenesis.

A big advantage of enhancing internal regenerative capacity via manipulating neurogenesis is that such a strategy can be accomplished non-invasively by possible medications. Other stem-cell-based strategies have focused on developing stem cell lines that are then surgically transplanted into human individuals. However, an obvious disadvantage of using externally developed stem cells is that an invasive surgery is required, and this may not be the optimal option for patients who are already physically fragile.

Despite the promise of this procedure, there are still major precautions that need to be



JAMES HEILMAN/CC-BY-SA-3.0
The brain can heal its own injuries.

taken when manipulating neurogenesis is considered as a therapeutic strategy. Although neural stem cells do migrate to areas of injury, evidence also suggests that they migrate and

give rise to neurons at ectopic, or abnormal, locations. Such ectopic migration may actually be harmful since neurons at aberrant locations can lead to rewiring of neural circuitries that exacerbates the effects of traumatic injuries. Enhancing neurogenesis may inadvertently lead to the uncontrolled reorganization of neural circuits that further disrupt brain function.

Myopia may afflict half the world's people by 2050

By JUSTIN THOMAS
For The News-Letter

Mom was right: Sitting in front of the television might make us blind. According to a study published in the *Ophthalmology Journal*, five billion people, or about 50 percent of the global population, might suffer from myopia (shortsightedness) by 2050. Moreover, the number of people with vision loss from severe shortsightedness is predicted to increase seven-fold from 2000 to 2050.

Using a collection of 146 articles and surveys accumulated from 1995 until the present, researchers charted the prevalence of myopia over time. Following these trends, the scientists extrapolated the trend in myopic occurrences until the year 2050. Scientist also stratified the data based on the severity of myopia as well as geographic bias. The data shows a clear upward trend in the number of shortsighted patients in the past 20 years. With a confidence level of 95 percent, future projections show that an even greater number of myopia cases is expected to occur in the future.

The rapid increase in shortsightedness is mostly found in the high-income Asian-Pacific, East Asian and North American re-

gions, with the percent of patients suffering from myopia in North America increasing from 28.3 percent to 58.4 percent. Furthermore, researchers found a generational gap within their data; The bulk of myopia cases is expected to arise in people aged 40 and under. Environmental factors are mainly credited as the cause of the rise of myopia, although minute genetic linkages are also apparent. These environmental factors include decreased time spent outdoors, changes in exposure to light, increased use of

electronic device and dietary factors.

Scientists have also shown a link between high myopic (shortsighted) populations and what they refer to as "high-pressure educational systems." These trends have become even clearer among youth in countries such as Singapore, Korea, Taiwan and China.

The researchers' projections regarding myopia, although they may appear daunting, are not set in stone. As explained in the study, they are mere estimates and are

subject to change. Globally, multiple interventions to control myopia are already in place. Currently, \$202 billion is spent annually on optic refraction error care around the world. This number is expected to grow as more of the population becomes myopic. The researchers suggested that future interventions include annual optic check-ups as well as early education in optic health. In the future, maybe more children should listen to their moms and look away from the screen and go outside.

The nutrient carnitine could diminish the incidence of autism

CARNITINE, FROM B7

There is not yet widespread agreement that pregnant women, or women who are planning to get pregnant, should supplement their diets with carnitine. According to Vytas Bankaitis, one of the Texas A&M researchers, there is no drawback to taking supplemental doses under medical supervision. He compares this to the widely accepted medical recommendation for women who are pregnant or planning to become pregnant to consume folic acid.

In the February 2013 issue of the *Journal of the American Medical Association*, Pal Suren of the Norwegian Institute of Public Health and others suggested an association between the prenatal use of folic acid supplements around the time of conception and a lower risk of autistic disorder. They also found more evidence of the already established effect of carnitine on lowering the occurrence of neural tube defects. This effect led to the mandatory addition of folic acid to flour in several countries, as well

as a general recommendation that women planning to become pregnant be placed on a daily regime of folic acid supplements starting one month prior to conception.

Paul Wang, the senior vice president for medical research at AutismSpeaks, is cautiously optimistic about the results of the study. He is presently not ready to recommend carnitine supplements without clinical trials, but he commended the science behind the idea.

Zhigang Xie, the lead Texas A&M researcher,

and Bankaitis have found that TMLHE, a specific gene linked to autism, functions by tracking and analyzing special types of brain cells in developing fetal brains. They found that in some mice, the TMLHE gene is mutated and results in an insufficient production of carnitine. The role of carnitine is to transport fatty acids into the correct location in a cell so that they can be broken down. With an insufficient amount of carnitine, fetal neural stem cells do not receive enough fatty acids in the

correct locations. This, the researchers believe, contributes to an increased autism risk.

According to Bankaitis, the mutation erases the ability to make carnitine completely only in male fetuses. This finding is consistent with the fact that there is a far higher prevalence of autism among boys.

ASD may ultimately be linked to possibly 1,000 genes, and this research focuses on only one; However, mutations to this one gene are relatively common.

SPORTS

BLUE JAY SPORTS SCOREBOARD			
Men's Tennis	Wrestling	Baseball	Men's Lacrosse
February 28, 2016	February 28, 2016	February 28, 2016	February 28, 2016
@ Salisbury University	NCAA East Regional Championships	vs. SUNY New Paltz	vs. University of North Carolina
W, 8-1	13th/18 (19.0pts)	T, 11-11	L, 15-11
Baseball	Women's Tennis	W. Lacrosse	Women's Tennis
February 29, 2016	February 28, 2016	February 24, 2016	February 27, 2016
vs. Alvernia University	@ Sewanee	vs. Loyola University Maryland	@ Carnegie Mellon University
W, 3-0	W, 5-3	L, 8-7 (2OT)	L, 5-4

Coach at Gilman helps change lives



Devin Tucker
Dev's Corner

My article this week will be about my former head football coach and mentor, Mr. Biff Poggi. Coach Poggi has been at Gilman School longer than I can remember. The first memory I have of him revolves around playing with his son Henry, currently at the University of Michigan, throwing a football around in their backyard.

I was no more than five years old at the time, but I remember when Coach Poggi came out to the backyard to tell Henry that the food was ready. I believed at the time that I saw a giant, a man larger than life whose physical stature mimicked that of a professional football lineman.

Coach Poggi used to play football when he was in college at the University of Pittsburgh, and the sport has remained a huge part of his life. He started his career as a player at Gilman high school, a school right down Roland Avenue that mimics Hopkins in many ways.

The founder of Gilman, Daniel Coit Gilman, was also the first president of Hopkins. As you notice or may have thought, Gilman Hall on campus is also named after him. There are a lot of consistencies between the two schools as I've said before, and one that rings true is especially their commitment to excellence in all fields.

Coach Poggi embodied excellence on a daily basis, but not the same type of excellence many people would think a football coach needed to possess to be successful. Instead of being a wizard with offensive game plan or defensive schemes, Coach Poggi embodied excellence through his ability to motivate, empower and drive his players toward success in every facet of their life.

ivate, empower and drive his players toward success in every facet of their life.

Coach Poggi would hold a weekly Bible study where players could come and just discuss their faith and issues they felt were prevalent outside of football. The span of Coach Poggi's influence was not restricted to the world of football, but rather, he acted as a philanthropist and role model with football being a secondary passion.

He has taken in players who were in rough patches in their lives and cared for them as a father would. But that paternal instinct was not limited to just the people who he would take under the roof of his own home, but rather to every player that was a part of the organization that he built over so many years.

He would have weekly meetings where he bought enough food that the whole team was filled to the point of bursting. He would genuinely listen to each person's concerns, and he had a way about him that made you truly believe you were the most important person in the world to him at that moment in time.

After so many years at a privileged school like Gilman, Coach Poggi has decided to expand his philanthropy efforts to a school called St. Francis Academy in Baltimore city, a school that doesn't have nearly as much funding or as many resources as Gilman does.

However, Coach Poggi sees this as an opportunity to further enhance the lives of those who truly need help. His religious sentiment shows true in both his words and his actions, and we need more people like him who are willing to fight for those who need direction and support rather than leaving them to fend for themselves.

Coach Poggi has done more than he will ever know, and I can't thank him enough for the lessons he taught me in my own life, especially the value of hard work and dedication to a greater cause than yourself.

Track & Field brings home first place honors

By EMILIE HOFFER
For The News-Letter

This past weekend, both the men's and women's track and field teams brought home Centennial Conference titles from competitions hosted by Ursinus College in College town, Pa. While the Jays came out on top, the Haverford College Fords did offer some competition. Along with the team titles, the Jays saw many record-breaking individual performances during the two-day event.

The women easily secured their seventh straight Conference title with 203 points, followed by second-place Haverford with just 120.3 points. The team was led by senior captain Megan McDonald who competed in the 400 meter.

"The competition was not very tough," McDonald said. "I was really racing for time."

Racing the clock, McDonald crossed the line in 58.25 seconds for a win and a meet record. McDonald now holds the fastest 400 meter time in the Conference this season. Hoping to continue her success on the post season, McDonald will race at Tufts University this Friday, March 4 where she will need to run just over half a second faster to qualify for nationals.

Junior Tess Meehan also had impressive performances to help the team score. Meehan finished third in the mile run with a time of 5:03, followed closely by her two teammates, sophomore Caroline Smith and freshman Felicia Koerner. They finished fourth and fifth, respectively, clocking times of 5:07 and 5:09. Meehan also raced in the 3000 meter where the Lady Jays swept the top three spots in the event. She won the race in 10:05 and was again followed closely by her teammates. Just seconds behind, senior Jordan Delane finished in second and senior Hannah Oneda in third.

Also putting up points for the women was sophomore Jenn Su. Just shy of breaking the meet record in the pentathlon, Su won the event to gain 10 points for the Jays. The next day, she continued her success placing second in the 60 meter hurdles and third in the long jump.

For the men's team, however, the win did not come as easily. With

only 11 points separating them from second place Haverford, the men were just able to grasp their fifth straight centennial Conference title. The Jays came out victorious largely thanks to senior Devin Conely. Not only did he win the heptathlon, but Conely also set a new Centennial Conference record in the event. His success did not stop there as the senior continued on to finish fourth in the high jump, third in the long jump and third in the pole vault.

The men also had an impressive finish in the 800 meter run. The Jays swept third, fourth and fifth place, led by senior Trevor Holmgren who crossed the line in 1:56.18. He was followed by freshman Dominic Yared and senior Sam Gottuso.

Junior Andrew Barnett, who currently holds the Conference record, won the pole vault with a



HOPKINSPORTS.COM
McDonald races to a 58.25-second finish for a meet record in the 400 meter.

record height.

"Every year at Conferences we have a high concentration of Hopkins vaulters in the top eight at Conferences," Barnett said, "This year was no different, as we scored a total of 31 team points in the vault."

Led by Barnett, the Jays swept the top three places in the event. He is looking to continue his

success in the post-season with the goal of winning nationals, where he will face a competitive D-III field.

The Jays will compete again this Friday, March 4 at the Tufts Last Chance Meet in Boston. Here, the teams will race in the hopes of qualifying for nationals, which will be held on March 11 and 12 in Grinnell, Iowa.

The frustrating true effects of rain delays

Rachel Cook
Sportpinion

A week ago, the Hopkins women's lacrosse team experienced what many sports teams have experienced before: a delay. Unfortunately for the Lady Jays, it was a weather delay that forced them to wait for almost three hours to finish the game.

So what does a team do during a delay, especially one that is controlled by good-old mother nature? Well the Lady Jays threw an impromptu dance party. Snapchat stories came alive over Wednesday night's game as they kept their muscles warm through twerks and turnpikes.

The Lady Jays are not the only ones to take advantage of rain delay shenanigans; one of my favorites to watch is how the Clemson University Tigers and Davidson College Wildcats baseball teams survive a rain delay. If you haven't watched it, I encourage you to watch the antics of these teams

as they go back and forth putting on skits, trying to outwit the other. Skits include but are not limited to human bowling, moose hunting, curling and dual-team tennis.

But after all of the shenanigans are over and it is time to get back to the game, how do you do it? How do you regain focus and go out there, hungry for a win? For the Lady Jays, it proved to be difficult as they dropped their game in double overtime.

For those who play indoor sports, you are the lucky ones who only have to manage the occasional "light" malfunction or wait the few minutes until the game playing ahead of you finishes. Outdoor sports can pause for hours until play can be resumed.

When preparing for a game, athletes get into their personal zone, allowing them to forget about everything else around them and focus on going out and getting a win for their team. This preparation doesn't begin an hour before the game, or even during the day. This preparation begins the night before as



HOPKINSPORTS.COM
Junior midfielder Haley Schweizer played quite an impressive match against Loyola, a tough challenger.

the athlete prepares for a restful night. They think about the game that is ahead of them tomorrow and what they are going to do to ensure the most successful performance.

When they wake up the next day, the athlete starts taking those steps and the preparation is in full swing until you actually step out onto the court or field. It is very hard to transition back into this state once a delay has taken you out of it.

"Well why can't you just stay in that mode?" the naive may ask. Well let me put it this way: Imagine that you spend all night and day writing note cards for an open-note test you have in an hour. You show up to the test, start taking it and are feeling great with all the notes you have. Halfway through, the professor comes through and picks up all of your tests and tells you to put away all notes. He then hands out a different test and says that this is

the real one, and you must finish it with no notes.

This is how the athletes feel: panicked and unprepared.

Athletes practice and perfect their performance every day. However, there is no way to expect and perfect the art of delays. For some teams, there is only one thing to do: dance. For other teams, you casually throw a teammate on your shoulders and bench press. However you do it, you do it as a team.

SPORTS

Tennis earns win behind Kang, Garcia



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Junior Ashnaa Rao triumphed in doubles and singles vs. Carnegie Mellon.

TENNIS, FROM B12
with high energy goes a long way and translates into dual matches. Our goal is to keep the motivation going throughout the season.”
Kang added that the victory against Delaware was particularly rewarding for this team.
“A solid win over a D-I team gives us confidence moving forward,” the sophomore said. “The freshmen were able to experience their first dual match. Even with a relatively new lineup this year, having a good win over a good team lets us know that we are progressing as a team.”
Kang emphasized that maintaining the excitement of playing a tough D-I foe will be crucial moving forward.
“Keeping up the energy and intensity day in and day out is certainly a goal of ours,” Kang said. “We’re confident that if we keep up the hard work and not worry about things we can’t control then we will be a very tough team for anyone to play against.”
The women’s team made the cross-country trip to Indiana this weekend to take part in the 2016 ITA National Indoor Championships.
In the opening round, the three-time defending champion Lady Jays went down 4-0 against Washington & Lee University, who swept Hopkins in the doubles to take the early lead, although they only won a total of four more matches overall.
The Jays also dropped first singles when Generals junior Brooke Donnelly edged out Hopkins junior Ashnaa Rao 6-4, 6-4.
The Lady Jays then came storming back, winning the next five matches to advance to the semifinals.
In second, sophomore Megumi Chen bested her opponent 6-1, 2-6, 6-4, to put Hopkins on the board. Junior Jody Law then put up a 6-3, 6-3 victory at third.
Sophomore Caroline Greydak dominated in sixth, dropping just one game and pulling the Lady Jays within one.
At fifth, sophomore Sunaina Vohra tied it up with a 6-1, 6-3 win. Junior Amanda Austi then completed the comeback, defeating Generals freshman Mary Hampton McNeal 6-1, 7-4 at fourth to send Hopkins to the semifinals.
The Lady Jays began their match against top-seeded Carnegie Mellon with an 8-3 win at first doubles by Rao and junior Mikey Barthelmass.

However, Hopkins then dropped the next two matches to fall behind 2-1 going into the singles portion of the match.
Carnegie Mellon took the first match in the singles but Rao pulled the Lady Jays back within one with a 6-4, 4-6, 6-2 win in first.
Carnegie Mellon clinched the victory against Hopkins and booked their trip to the finals with consecutive wins in fourth and third, but Vohra and Greydak did not go down with a fight, winning in fifth and sixth to reduce Carnegie Mellon’s margin of victory to win.
Hopkins won the third-place match against Sewanee and earned themselves some tournament hardware.
They were led by wins in doubles by Chen, with senior Olivia Kasten in second and Austi and Law in third. They were carried in singles by wins from Greydak in fifth, Chen in first and freshman Kimberly Zou in sixth.
Rao credited the Lady Jays’ victory against Washington & Lee to their perseverance.
“It’s always tough going down 4-0 to a great team but our team was super motivated to get through the first round and come back on top after we had a loss to W&L last season,” Rao said. “Everyone came out on fire for singles and did a great job of closing out their matches so it was great.”
Rao also had good things to say about their performance against Carnegie Mellon.
“I think a place for improvement on our team is in our doubles matches,” the junior said. “Our team is filled with so much talent, and we have so much potential, and I think a little bit of more work on doubles would make the difference in the future.”
Rao was proud of the effort the team put in to bounce back in the third-place game.
“I think that we went into the match very focused and determined,” Rao said. “Everyone brought out their A-game and fought really hard to make sure we won that match. It’s tough because by the time the last day comes around everyone is sore or tired but the team did a great job with pushing through and winning this one.”
The women’s team plays next at noon on Friday, March 18 against The College of New Jersey Lions in Virginia. The men face Morgan State this Friday evening at the Green Spring Racquet Club just outside Baltimore.

By MAGGIE SPITZER
For The News-Letter

Last week, senior captain and midfielder Dene’ DiMartino was one of three Hopkins Lacrosse players named to the Tewaaraton Watch List.
The News-Letter sat down with DiMartino to reflect on her four successful years at Hopkins, discuss her recent honor and reveal her aspirations for her final season as a Lady Jay.

The News-Letter: How special is it to receive this honor, especially alongside your fellow Jays junior Haley Schweitzer and senior Ryan Brown?

Dene’ DiMartino: It’s an amazing honor to be on that list with my teammates and the best players in the country. It just goes to show you that Hopkins women’s lacrosse especially is growing into a dominant program, and both teams are just trying to create a foundation and set a tone for what Hopkins lacrosse is all about. Haley and Ryan are both phenomenal athletes and have worked so hard throughout their careers thus far. They are a great representation of the Hopkins Lacrosse Program.

N-L: What aspects of

your game do you pay most attention to in practice?

DD: I think I try to focus on every aspect of my game but especially on the defensive end. I think I try to focus on talking to my teammates, directing them and doing the best I can to come up with the ball. I think my individual one-on-one defense has improved throughout my years since it was a weakness for me but I think my teammates have really brought me along, and I love playing alongside them on the defensive end. Coming up with a stop is one of the best feelings.

N-L: Where have you most improved, and how has that helped your confidence?

DD: I think I have definitely improved on the draw. Coach Tucker has done an awesome job working with all of our draw specialists to be versatile, directive and strong, and I think we have all bought in and have done a really good job on the circle. When I was a freshman we had some great leadership with Sammy and Taylor as well as the seniors who really made me feel confident on the field, and I think I have just carried

that with me through the years. Now, as a captain, I have a responsibility to be the best player I can for my team so that gives me an immense amount of confidence as well.

N - L : What personal goals have you set for your final year at Hopkins?

DD: To have no regrets, honestly. Both on the field and off I want it to be the most memorable year I have had, and I want our team to have the most success. I wouldn’t hate winning a national championship.

N-L: How is this year’s team dynamic different, and what are the team’s biggest strengths?

DD: I think we have a great team dynamic. Those who came before us really set the tone for what our team wanted to be about, and we are all such great friends and play so well with one another on the field. Our biggest strengths are that we are scrappy and relentless but we’re sometimes inconsistent, which is a big weakness for us in tight games. We just focus on getting better every day and letting everything else kind of fall into place.

N-L: When you aren’t playing lacrosse, how do you like to spend your

time?

DD: Usually I’m doing homework but when I decide I don’t want to do that anymore, my roommates

and I are usually out getting ice cream or pizza or Chipotle. We like to eat a lot. When it’s nice out, we’ll go down to the harbor and go paddle boating or go shopping.

ping.

N-L: What are your plans after this season, and what will you miss most about the Hopkins lacrosse program?

DD: I am currently applying to nursing school so I should be hearing back in a few weeks. I want to get my RN license and eventually get my masters in pediatrics. I think the one thing I will miss most about the Hopkins Lacrosse Program is the family that I have been so fortunate to be part of for the last four years. I truly have learned so much from my teammates and coaches, and the memories I have created are absolutely unreal. I know my friendships with these people will last a lifetime.

DiMartino and the team will travel to Columbus to take on Ohio State this Saturday.

ATHLETE OF THE WEEK DENE’ DIMARTINO — WOMEN’S LACROSSE



HOPKINSSPORTS.COM
DiMartino is the team captain.

VITAL STATISTICS

Name: Dene’ DiMartino
Year: Senior
Sport: Women’s Lacrosse
Position: Mid.
Major: Public Health
Hometown: Manorville, N.Y.
High School: Eastport South Manor

Fencing pulls off tight wins on the road

FENCING, FROM B12
Blue Jays won 5-4 as Philippine and freshmen William Snyder combining for 4 wins. Hopkins won the Sabre round 6-3, with freshmen Brian Huang leading the way with a perfect score of 3-0.

The men finished up the day with another tight victory, ending with a score of 14-13 against Sacred Heart. Hopkins won the foil 5-4, with Petrie earning three scores.

Sacred Heart then won the Epee 6-3, before Hopkins secured the win in the Sabre round, winning 6-3 with Vingo earning three points

in his performance.

The Blue Jays are now 19-10 on the season and will return to the action in Hackensack, N.J. for the 2016 MACFA Championship.

The Lady Jays walked away from the Invitational with just one win out of four games.

Hopkins opened the competition against Fairleigh Dickinson University and picked up their only win of the day. They dropped the foil 6-3, although senior Rachel Viqueira picked up two wins in her match.

Junior Katharine Couch led the charge in the Epee, as Hopkins



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The weekend saw some artful swordplay from both fencing teams.

picked up a 7-2 win, with Couch winning all three of her bouts. The Lady Jays then secured the win with a sweep of the Sabre round, with senior Isabella So, junior Nancy Kim and freshman Shi-

aomeng Tse each winning 3-0 in their respective bouts.

The Lady Jays lost to host University of Pennsylvania (UPenn) with a score decision of 19-8. In that match, UPenn won both the foil and the Epee with a score of 6-3, with freshman Celine Shanosky winning two of her three bouts in Epee.

Hopkins then followed up with another loss to Duke University, with a score of 19-8 as well. Duke won the foil 7-2, with freshman Rebecca Rosenthal winning the two bouts. In Epee, Duke also won 7-2, with Couch and Shanosky each winning a bout. In the Sabre, Tse got Hopkins’ only win as Duke won 8-1.

Hopkins went on to get swept in all three weapons categories in the next two matches against Cornell University (21-6) and Sacred Heart University (18-9).

The Lady Jays are now 13-13 on the season, with head coach Austin Young (1997) only two wins away from tying James Murray (2002-2009) for the title of Winningest Coach in the Women’s Program.

Opening weekend tests baseball team

BASEBALL, FROM B12
a 10-2 lead in the fifth inning.

However, SUNY New Paltz did not quit and launched a comeback highlighted by a six-run sixth inning. After inducing a groundball against the first batter he faced, Senior Colin Friedman surrendered four hits and was replaced in the middle of the inning by sophomore Austin Sutor. A walk, a couple of hits and an error later, SUNY New Paltz was back in the game, only down by two runs.

SUNY then tied the game up in the seventh and took the lead in the eighth before being shut out for the rest of the evening by senior reliever Ross Lazicky, who came in to pitch an efficient two and one-thirds innings without giving up a run and finish out the game.

Reynolds tied up the game in the bottom of the eighth with a solo home run. The game ended as a tie due to darkness, leaving the Jays with an 0-1-1 record coming out of opening weekend.

Optimism remains high throughout the Blue Jay locker room, though.

“There is so much talent on this team that once the pre-season rust wears off, we’ll be firing on all cylinders,” Shah said.

Excitement is high

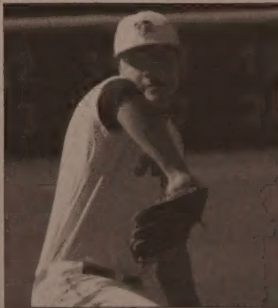
among players and fans alike, and the Blue Jays are looking forward to a very successful season.

Shah also outlined the “recipe” for Hopkins to be successful this year.

“Pitchers throw strikes,

fielders make routine plays, and hitters are aggressive and look to hit,” Shah said.

The Jays will have one game at Salisbury on Thursday and two more at home against Cortland State Saturday and Sunday before their annual trip to Florida.



ELLIE HALLENBORG/PHOTOGRAPHY STAFF
Sophomore Nick Burns rears back and fires vs. New Paltz on Sunday.

SPORTS

Did You Know?

Senior Gene Williams was tabbed as the Centennial Conference Scholar-Athlete of the Year for basketball.

CALENDAR

Saturday
Baseball vs. Cortland State, 1 p.m.
M. Lax vs. Princeton, 1 p.m.
Fencing @ NCAA Regionals, All-Day

Track sweeps centennial conference tourney



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Andrew Barnett pole vaulted a full .75 meters higher than the field with a 5.00 meter leap (pictured), and his performance proved emblematic for the Blue Jay track teams, who both took home the Centennial Conference Championships that were held in Collegeville, Pa. The win was the fifth straight title for the men's team, and the seventh straight for the women.

Page B10

Dev's Corner: Gilman School coach inspires

Dev tells us the story of his experience with legendary local Coach Biff Poggi, who has truly inspired a generation with his deep empathy and work with disadvantaged schools in Baltimore.

Page B10

Rain delay antics and Hop sports

Sports Editor Rachel Cook takes us through a history of whacky rain delay activities that have helped collegiate teams pass the time over the years, after W. Lax had a big delay.

Page B10

Athlete of the Week: Dene' DiMartino

Dene' DiMartino, senior captain for the Lady Jays lacrosse team, has been a force to be reckoned with so far during Hopkins early run, with hard-nosed, well-rounded play.

Page B11

Baseball off to an underwhelming start

By MATT MIYAMOTO
For The News-Letter

The Blue Jays Baseball team opened up its 2016 campaign in two hard-fought contests, first losing to the Keystone College Giants and then failing to capitalize on an eight-run lead in a tie with SUNY New Paltz.

Senior Carter Burns was on the hill for the Blue Jays in their first matchup of the week-end. Keystone sprung to an early lead in the first inning following a walk, a hit batter and a back pick to second base gone awry that allowed the lead runner to score.

Burns, though, would find his command after the first inning, showing good velocity with his fastball and good break on his curve. He finished his day with six strikeouts in five innings of work.

The Blue Jays bats were quiet throughout the day, but found ways to manufacture runs, nonetheless. Junior shortstop Conor Reynolds tied the New Paltz game with a homer.



ELLIE HALLENBORG/
PHOTOGRAPHY STAFF

Junior shortstop Conor Reynolds tied the New Paltz game with a homer.

hitless by an effective duo of Keystone pitchers through six and two-thirds innings, finishing the game with a total of three hits.

Hopkins threatened late, scoring three unanswered runs, bringing the score to 5-4, but Keystone pitching shut the door in the ninth inning, thwarting the Blue Jays' comeback effort.

Sophomore Nick Burns started the second game of the weekend and held SUNY New Paltz to one run in three innings of work.

Burns was very effective in 2015, posting a 3-1 record and a 1.78 Earned Run Average (ERA) in 30 innings pitched, and in his first start of 2016 he picked up right where he left off.

The Jays' bats awakened on Sunday, largely due to a change in mindset at the plate.

"On Sunday we were more aggressive at the plate and took forceful swings, looking to do damage," senior second baseman Raul Shah said.

This was immediately evident in Shah's approach at the plate, as he launched a 2-2 fastball over the right center fence for the first home run of the Jays' season.

As a team, Hopkins tallied ten runs through four innings to give them

SEE BASEBALL, PAGE B11

Tennis looks to build off solid past weekend

By GAURAV VERMA
Staff Writer

The Hopkins men's tennis team opened up their spring season with a commanding 9-0 win versus the University of Delaware Blue Hens in Baltimore this past Friday. The win snapped a nine-game losing streak against Delaware and dropped the Blue Hens to 0-6 to start the season.

The Blue Jays opened up doubles with a dominating performance from sophomore Justin Kang and freshman Scott Thygesen, who turned in an 8-0 victory in third doubles. In first, juniors Mike Buxbaum and Jeremy Dubin beat their counterparts 8-4.

To close out doubles, junior Emerson Walsh and senior Nicholas Garcia defeated the Hens' freshman Blaise Caselbury and junior Tyler Flematti in a thrilling 9-8 victory in second. The win was Garcia's 50th career win in doubles, and it gave Hopkins the clean sweep in the doubles portion of the match.

Kang dominated in singles as well, pulling off 6-0 wins in both sets at sixth. At first, Buxbaum also needed just two sets to wrap up a victory, with 6-1 and 6-2 results to put another one in the win column for the Jays.

Thygesen would require three sets, but he too pulled out a win with a 6-2, 3-6, 10-4 performance at third. Garcia, Dubin and freshman Eshan Dave all turned in two-set wins to give Hopkins the clean sweep on the day.

The Jays opened up their match on Sunday against the Salisbury University Seagulls in the exact same fashion, by sweeping the doubles portion of the match. Garcia and freshman Colin Muraika set the tone for the day for the Jays with an 8-0 win in third.

In second, Kang and Thygesen turned in a dominating performance as well, winning 8-1. Salisbury came the closest to putting points on the board against Dubin and sophomore David Perez in first, but the Jays duo

were able to secure a 8-6 win to give Hopkins a 3-0 lead going into singles.

Dave and Kang both turned in strong performances in their singles matches with Dave posting 6-1, 6-0 wins at fourth and Kang winning 6-1, 6-0 at fifth.

Dubin then fell 2-6, 1-6 in first to give Salisbury their only point of the day. Hopkins would then close

out the match with two set wins by Perez, Thygesen and Garcia to secure the 8-1 win for the Jays.

Kang attributed the teams early season to the team's effort in pre-season practices. "Our practices before the first match were really intense, and that helped motivate us to start the season strong," Kang said. "Practicing

SEE TENNIS, PAGE B11

Full slate for men's and women's fencing Sunday

By TARIQ OMER
Staff Writer

This past weekend, both the Hopkins men's and women's fencing teams were in action, participating in several matches. The men's team played five matches on Sunday at the Philadelphia Invitational, winning four of the matches. One of Sunday's victories came against ninth-ranked Duke University. The women's team also traveled to Pennsylvania for the Philadelphia Invitational and faced stiff competition. They were able to pick up one victory out of four and faced three teams which are currently receiving votes for the CollegeFencing360.com Coaches' Poll.

The men's team got off to a shaky start in the Invitational, as they lost their first match handily to the host and third-ranked University of Pennsylvania, with a score of 21-6. In the Foil competition, the University of Pennsylvania Quakers beat Hop-

kins 5-4 as sophomore Ian Maddox won two out of his three bouts. The Quakers continued their domination in the Sabre competition, where they swept the Blue Jays 9-0. In the Epee, Penn completed their sweep with a 7-2 victory, with sophomore Matthias Philippine picking up Hopkins' two wins.

Up next was the Drew University Rangers, whom Hopkins would dominate 22-5, winning all three weapons categories. Hopkins swept the Foil 9-0 on the back of Maddox. Sophomore Jared LeBron and freshman Solomon Polansky, who each scored a perfect 3-0. In the Epee, Hopkins won 5-4 in a close match, with sophomore Denis Routkevitch winning his match in the final bout. Hopkins completed the sweep by winning the Sabre 8-1, with sophomore Sandy Vingoe leading the charge. Vingoe would go on to win eight of his 12 bouts on the day.

Hopkins then faced



COURTESY OF ANNE DUNCAN

Junior Katharine Couch won two bouts in the Epee category.

the Duke University Blue Devils, who entered the competition as the ninth ranked team. Hopkins would emerge victorious with a tight score line of 14-13. In the Foil, the Blue Jays won 5-4, with seniors Jay Petrie and Glenn Balbus each winning two out of three bouts. Duke was victorious in the Epee, as they won 5-4 with Philippine contributing two out of his possible three

points. Hopkins clinched victory in the sabre round, winning 5-4 with Vingoe and junior Daniel Dembner combining for four points.

In their next match against the Haverford College Fords, Hopkins again swept all three weapons with a final score of 19-8. They won the Foil 8-1, with three wins from Balbus. In the Epee, the

SEE FENCING, PAGE B11



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Senior Nicholas Garcia was a major factor in the win vs. Salisbury.